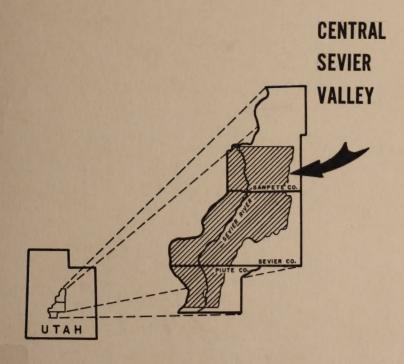


# BASIC-DATA REPORT NO. 3

**GROUND-WATER DATA** 

CENTRAL SEVIER VALLEY

PARTS OF SANPETE, SEVIER, AND PIUTE COUNTIES, UTAH



BASIC-DATA REPORTS: This is the third in a series of basic-data reports prepared cooperatively by the Utah State Engineer and the U.S. Geological Survey. The basic data included in this series of reports generally consist of well records, logs of wells and test holes, and chemical analyses of water samples collected during a detailed investigation or during a basic-records program. Pending publication of an interpretive companion report to be prepared cooperatively by the U.S. Geological Survey and the Utah State Engineer, much use of the basic data can be made by the public, water-well contractors, and consultants in planning water supplies.

Ted Arnow

District Geologist
U.S. Geological Survey
In charge of cooperative
ground-water investigations in Utah

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BASIC-DATA REPORT NO. 3

GROUND-WATER DATA

CENTRAL SEVIER VALLEY

PARTS OF SANPETE, SEVIER, AND PIUTE COUNTIES, UTAH

By

Carl H. Carpenter, Hydraulic Engineer

and

Richard A. Young, Geologist

U.S. Geological Survey

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Prepared by

The United States Geological Survey
in cooperation with

The Utah State Engineer

Salt Lake City, Utah 1963

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This report is intended to serve two purposes: (1) to make available to the public basic ground-water data useful in planning and studying development of water resources and (2) to supplement an interpretive report that will be published later.

Records were collected during the period 1956-60 by the U.S. Geological Survey in cooperation with the Utah State Engineer as a part of the investigation of ground-water conditions in the central Sevier Valley in parts of Sanpete, Sevier, and Piute Counties, Utah. The interpretive material will be published in a companion report by Richard A. Young and Carl H. Carpenter.

This report is most useful in predicting conditions likely to be found in areas that are being considered as well sites. The person considering the new well can spot the proposed site on plate 1 and examine the records of nearby wells as shown on the tables. From tables 1 and 4 he can note the type of material that yields water to wells in the vicinity; from table 1 he can note (1) the depth and diameter of wells in the vicinity and the yield of some of those wells, and (2) the depth to water or the feet of water pressure in the vicinity; from table 3 he can note the historic fluctuations and trends of water levels in the vicinity; from table 2 and plate 1 he can note the location of springs and the conditions related to the occurrence of these springs; from table 5 he can note the chemical quality of the water from wells and springs in the vicinity; and from tables 1 and 2 he can find the use made of the well and spring water. If the reader decides from his examination that conditions are favorable, he can place an application to drill a well with the State Engineer. If the State Engineer believes unappropriated water is available, the application may be approved after minimum statutory requirements have been satisfied.

The report is also useful when planning large-scale developments of water supply. This and other uses of the report will be helped by use of the interpretive report upon its release.

The well numbers used in this report indicate the well location by land subdivision according to a numbering system that was devised cooperatively by the Utah State Engineer and G. H. Taylor of the Geological Survey about 1935. The system is illustrated in figure 1. The complete well number comprises letters and numbers that designate consecutively the quadrant and township (shown together in parentheses by a capital letter designating the quadrant in relation to the base point of the Salt Lake Base and Meridian, and numbers designating the township and range); the number of the section; the quarter section (designated by a letter); the quarter of the quarter section; the quarter of the quarter-quarter section; and, finally, the particular well within the 10-acre tract (designated by a number). By this system the letters A, B, C, and D designate, respectively, the northeast, northwest, southwest, and southeast quadrants of the standard base and meridian system of the Bureau of Land Management, and the letters a, b, c, and d designate, respectively, the northeast, northwest, southwest, and southeast quarters of the section, of the quarter section, and of the quarter-quarter

section. Thus, the number (B-2-2)12dcd-2 designates well 2 in the  $SE_{k}^{1}SW_{k}^{1}SE_{k}^{1}$  sec. 12, T. 2 N., R. 2 W., the letter B showing that the township is north of the Salt Lake Base Line and the range is west of the Salt Lake Meridian; and the number (D-3-2)34bca-1 designates well 1 in the  $NE_{k}^{1}SW_{k}^{1}NW_{k}^{1}$  sec. 34, T. 3 S., R. 2 E. In part of the Uinta Basin the land subdivision is based on the Uinta Special Base and Meridian. Coordinates of wells in that area are preceded by the letter U; a typical well number is U(D-1-1)23abd-1.

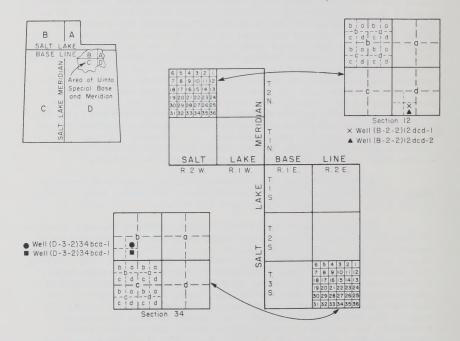


Figure 1. - Well-numbering system used in Utah.

Well number: see text for description of well-numbering system.

Type of well: Dn, driven; Dr, drilled; Du, dug; J, jetted.

Depth of well: Dn, driven; Dr, drilled; Du, dug; J, jetted.

Depth of well: measured depths given in tenths of feet below land-surface datum; reported depths given in whole numbers.

Depth of casing: reported by well driller or cower.

Method of lift: C, centriquenil; F, flowing; J, jett; N, none; P, piston; T, turbine.

Use of water: D, domestic; I, irrigation; Ind; industrial; N, so in use; O, observation; P, public supply; S, stock.

Character of material: S, boulders; Cg, cooglowerste; O, gravel; Ls, limestone; S, sand; EN, shale; Sa, sandstone; V, volcanic rocks.

Occurrence: C, contined (arterial); U, unconfined (water wable).

Cocurrence: C, contined (arterial); U, unconfined (water wable).

Remarks and other available data A, chemical analysis in Table; D, drawdown, difference in feet between static and pumping water level;

I, log in Table 4; Perf., casing perforated; TN, test hole; V, water-level measurements in Table 3.

Yield in ggm (galloos per ninute) - B, balled; Pe, flow sensured; Pr, flow reported; Ye, estimated pumped yield; Yn, measured pumped yield; Yn, pumped yield reported by owner or driller.

		led	vell	ve11	ve11	casing)	11ft	water	80	incipa quifer			to of		level	(OF)		
Well number	Owner or user	Year drilled (19 )	Type of w	Depth of w	Diameter of (inches)	Depth of ca. (feet)	Method of	Use of war	Character of material	Depth to top (feet)	Thickness (feet)	Occurrence	Altitude of land-surface datum (feet)	Above (+) or below (-) land-surface datum (feet)	Date of measurement	Temperature	Chloride (ppm).	Remarks and other available data
							Sanpe	te Cou	nty									
(C-17-1) 34abb-1	Consolidated Sevier Bridge Reservoir Irriga- tion Companies	11	J	50	12	-	Ŷ	1,5	-	-	-	C	-	+7-1	9-17-58	54	-	Fe 40 gpm.
34abb-2 34bca-1	do Sampete Fish and Game Club and Consolidated Sevier Bridge Reservoir Irrigation Companies	11 00	J	50 60	1½ 1½	:	F	I,S I,S	:	:	:	CC	:	+5.6	9-17-58	55 60	305	Fe 25 gpm. Fe 15 gpm.
34bca-2	do	00	J	60	11/2	-	F	S,0,I	-	-	-	C	4,994	+6.5	9-17-58	59	330	Fe 25 gpm. W.
34bdb=1 34bdb=2	do do	00	J	60	12 12 12 12 12	-	P	I,S	:	1:	-	C	:	+6.1	9-17-58	60	-	Fe 15 gpm. Fm 30 gpm.
34bdb-3	do	00	J	60	14	-	P	1,8		-	-	C	1 :	+2.4	9-17-58	60	-	Fe 2 gpm.
34bdb=4	do	00	J	60	14		F	1,8		-	-	C	-	+4.8	9-17-58	60	-	Fe 2 gpm.
34cdb-1	do	00	J	60	12	-	P	1,8	-	-	-	C	-	+6.9	8- 6-56	60	282	Fe 2 gpm. A.
(c-18-1)																		
3bab-2	do	11	J	60	1 to	-	F	I,S	-	-	-	C	-	+5-9	9-16-58		-	Fe 45 gpm.
3cbs-1 3cbs-2	do do	00	J	50 60	1.5	-	P	1,8	:	1	1:	C	-	+6.0	9-16-58	53 53	-	Fe 10 gpm. Fe 10 gpm.
3cba-2	do	11	J	55	1.4	-	F	I,S	:	1	-	C	-	+6.5	9-16-58	53	-	Fe 10 gpm. Fe 30 gpm.
3cba-4	do	11	J	55	15	-	P	I.S		-	-	C	-	+6.3	9-16-58	53	-	Fe 15 gpm.
3cbb-1	do	11	J	60	100000000000000000000000000000000000000	-	F	1,8	-	-	-	C	- 1	+6.5	9-16-58	53	-	Fe 15 gpm.
3cca-1	do	00	Ĵ	60	14	-	F	1,8	-	-	-	C	-	+5.5	9-16-58	53	-	Fe 10 gpm.
3cca-2	do	11	J	80	14	-	F	1,8	:	1	1:	C	:	+6.5	9-15-58	56	-	Fe 10 gpm.
3cca-3	do do	11	J	80	12	-	P	I,8	:	1	-	C	1	+6.1	9-15-58 9-15-58	55 55	-	Fe 10 gpm. Fe 8 gpm.
3ccd-1	do	00	J	75	3		F	1,8,0		-	-	C	5,004	+7.0	9-15-58	56		Fe 100 gpm. W.
3dad-4	do	00	J	55	2	-	F	I,S	-	-	-	C	-	+5.6	9-16-58	53	-	Fe 30 gpm.
10das-1	do	00	J	55	3.		F	1,8	-	-	-	C	- 1	-		53	-	Fe 75 gpm.
10daa-2	do	00	J	50	12	-	F	1,8		-	-	C	-	+2.5	9-15-58	53	-	Fe 2 gpm.
10ddc-1	do do	00	J	55 55	13	1	F	I,S	-	1	-	C	:	+4.8	9-15-58 9-15-58	53 53	200	Fe 5 gpm. Fe 30 gpm.
llacc-l	do	00	J	55	14	-	P	1,8		1 .	1	C	1	44.5	9-11-58	53	200	Fe 5 gpm.
llbcb-l	do	00	J	80	15	-	P	1,8	-	-	-	C	-		-	53	-	Fe 5 gpm.
llbcd-l	do	00	J	60	12	-	F	I,S	-	-	-	C	-		-	53	-	Fe 5 gpm.
11dbb-1	do	00	J	75	100	~	P	1,8	-	-	-	C	-	+4.5	9-11-58	53	-	Fe 10 gpm.
· 11dcd-2 12abb-1	Elton Bown	36	J Dr	75 200	8	178	J	I,S D,S,0	G	104	3	D C	5,070	+4.8 -64.0	9-11-58 8-27-56	53	114	Fe 15 gpm. Yr 25 gpm. Dd 30 ft. Perf. 104- 108, 126-129 ft.
12bbd-1	Sampete Fish and Game Club and Consolidated Sevier Bridge Reservoir	00	J	60	2	-	P	1,8	-		-	С	-	-	-	53	465	A, L. Fe 20 gpm.
13cba-1	Irrigation Companies Elijah James	05	J	49	14	-	F	I.S			-	c				Sh		Fr 15 gpm.
13cba-2	do do	15	J	56	2	-	F	1,8		-	-	0		+6.5	9-11-58	54		Pr 35 gpm.
13cba-3	do	30	J	59	2	-	F	1,8	-	-	-	C	-	-	-	54	-	Fr 8 gpm.
13cbd-1	do	05	J	49	14	-	F	1,8	-	-	-	C	-	-	-	55	-	
14baa-1	Sampete Fish and Game Club and Consolidated Sevier Bridge Reservoir Irrigation Companies	00	J	78			F	I,S	•	-	-	C	-	+2.4	9-10-58	54		Fe 2 gpm.
14bba-1	do	00	J	75	14		P	I,S	-	-	-	C	-			53	-	Fe 30 gpm.
14bbs-2 14bbb-1	do	00	J	78	15	-	F	1,8	-	-	1	C	-	+4.0	9-10-58	53 5k	-	Fe 10 gpm.
14bbd-1	do	11	J	75	2	-	P	1,8	-		1:	C	1:	+6.5	9- 9-58	54	-	Fe 2 gpm. Fe 70 gpm.
14bbd-2	do	00	J	75	13		y	I,S	-		-	C	-	+5.5	9-10-58	53	-	Fe 30 gpm.
14bbd-3	do	00	J	75	15	-	P	I,S	-	-	-	C	-	-	-	53	-	Fe 30 gpm.
14bbd-4 14bca-1	do do	00	J	75	15 15 15 12	-	F	1,8	-	-	-	C		+5.2	9-10-58	53	-	Fe 35 gpm. Fe 2 gpm.
14cdd-2	do	11	J	60	12	:	F	I,S	:	-	-	C	-	+2.9	3=10=20	53		Fe 2 gpm. Fe 3 gpm.
14dcd-2	do	00	J	75	2		P	1,8	-			C	-	+4.3	9-10-58	53	240	Fm 55 gpm.
14ddc-1	Elvira Mellor	00	J	50	2	-	F	I,S	-		-	C	-	+4.5	9-11-58	55	-	Fe 20 gpm.
14ddc-2	do	11	J	50	2	-	F	I,S	-	-	-	C	-	+5.5	9-11-58	55	-	Fe 10 gpm.
14ddc-3 14ddd-1	do	00	J	50	12	~	F	1,8	-		-	C			0 11 -0	55	-	Fe 2 gpm.
14ddd-1 14ddd-2	do do	11	J	50	5	-	F	1,8,0	-	-	-	C	5,003	+6.3	9-11-58	56	:	Fe 25 gpm. W. Fe 25 gpm.
14ddd-2	do	11	J	50	2	-	P	1,8	-			C	-	+0.1	3-11-30	55	-	Fe 25 gpm.
14ddd-4	do	11	J	125	2	-	P	1,8	-		1	C	-			55	-	Fe 25 gpm.
14ddd-5	do	11	3	90	14	-	7	I,S	-	-	-	C	-	-	-	56		Fe 5 gpm.
15dab-1	Sampete Fish and Game Club and Consolidated Sevier Bridge Reservoir Irrigation Companies	00	J	55	3	-	F	I,S,0	-		-	C	5,004	+5.0	9- 9-58	53	-	Fe 50 gpm.

		pa	7	4	мелл	sing	lift	H		ncipa	1				level	(%)		
Well number	Owner or user	Year drilled (19 )	Type of well	Depth of well (feet)	Dismeter of w	Depth of cas (fest)	Method of 15	Use of water	Character of material	Depth to top (feet)	Thickness (feet)	Occurrence	Altitude of land-surface datum (feet)	Above (+) or below (-) land-surface datum (feet)	Date of Measurement	Temperature	Chloride (ppm)	Remarks and other available data
2-18-1) 15dbd-1	Sanpete Fish and Game Club and Consolidated Sevier Bridge Reservoir	11	J	55	3	-	F	I,S	-	-		С	-	+ 4.5	9~ 9~58	54	-	Fe 100 gpm.
15dcc-1 15ddc-1 15ddd-1 22aab-1 22cdd-1 23abb-1	Irrigation Companies do do do do do do Horris Christensen Sappete Fish and Geme Club and Consolidated	11 11 11 11 28 10	Dr J J Dr J	75 55 75 75 75 144 78	3 1 1 3 4 2	:	PFPN	D,S,I I,S I,S D,S,I S,O I,S	111111		111111	-00000	5,120	-50.8	8-23-56	53 53 53 53 53	600	Pe 5 gpm. Fe 5 gpm. Fe 5 gpm. W. Fe 30 gpm.
23adb+2 23bac-1	Sevier Bridge Reservoir Irrigation Companies John James Sanpete Fish and Game Club and Consolidated Sevier Bridge Reservoir	1895	J J	50 75	1½ 2	:	F	1,8	-	-		00	-	+ 4.5 + 6.1	9- 9-58 8-29-58	54	365	Fe 20 gpm. Fe 2 gpm.
23bda+1 23bdc-1 23cbs-1 23dab-1 23dad-1 23dbd-1 25ada-1 25bdd-1 25ddc-1	Irrigation Companies do do Elton Boun John James do do Z. M. Pickett Joseph Mellor U.S. Geological Survey	10 10 26 00 1895 00 15 1896 59	J J Du J J Dr J Dr	75 75 16 50 50 50 150 40 500.0	1 1 2 3 3 3 3 3 3 3 3 3 3 4 1 1 4 4 2 6		P P P C,F P P	I,S I,S I,S I,S D,S D,S,I	G G,S G,S G,S G,S	34 90 215 316 372	- - - 26 75 33 28 40	000000000	5,014	+ 4.8 + 3.9 + 4.0	9- 9-58 8-29-58	53	255 270	Fe 10 gpm. Fe 25 gpm. Fe 15 gpm. Fe 5 gpm. Fe 5 gpm. Fe 5 gpm. Fe 50 gpm. Fe 50 gpm. TE 20. Fm 60 gpm. TH 20. Fm 60 gpm. 2-inch casing.
26aba-1 26add-1	Mrs. G. H. Lyman	1890 51	J Dr	40 50	12	:	F	S,I	:	-	-	CC	-	-	-	52	-	Fe 30 gpm. Fe 2 gpm. Saline taste.
26bcd-1 27ddd-1	J. L. Bartholomew Wesley Johnson	56 43	Dr Dr	52 129	4	129	J	S	G.	128	1	CC	-	- 3.6	8-27-58 1943	59	-	B 5 gpm. Dd 5 ft.
34cba-1	Milton Hammond	43	Dr	170	6	170	T	D,S,I	G,S G,S	136 169	13	C	-	-101	1943	59		B 5 gpm. Dd 4 ft.
34dcc-1 35aba-3	J. E. Hansen Wesley Johnson	18	Dr	133	4	:	P	D,S D,S,I	-	-	-	CC	-	+ .7	1958 8-25-58	62	-	Yr 15 gpm. Fe 1 gpm. Saline taste.
35acc-1 35bba-1	L. N. Hyatt do	50 49	Dr	60 65	5	65	J	S,O D,S,I	G,S	60	- 5	CC	5,050	- 7.0 -40	8-23-56 1949	51	-	W. Yr 10 gpm. Dd 5 ft. L.
35cad=1 36cdd=1	Producers Livestock W. J. Mellor	48 30	Dr Dr	40 43	14 14	:	J	D,S D,S	:	-	-	C	-	-38 + 3.5	1948 8-25-58	-	-	Unfit for use. Fe 2 gpm.
3adc-1	Clair Coates	-	Dr	105.8	l <sub>k</sub>	-	J	S	-	-		С	-	-58.5	6-19-58	-	-	Ye 10 gpm. Water saline.
3bbc=l	H. V. Roper	53	Dr	158	l <sub>b</sub>	157	T	D,S,	S S,0	92	18	U	5,175	-87.0	6-19-58	58	190	Yr 16 gpm. Dd 5 ft. L,W.
3cdb-1 10bac-1	L. N. Hyatt Merril Rasmussen	46	Dr Dr	56 66	2 4	66	P	S D,S,I	- G	37 64	3 2	U	-	-48.4 -38	8-17-56 1946	48	-	Water saline. B 10 gpm. Dd 4 ft. Perf. 50-66 i
10dcb-1 11bcd-1	L. J. Armold U.S. Geological Survey	46 59	Dr Dr	478.0	8 6	:	T	I,S	0,S 0,S 0,S 0,S	36 100 188 230 282	39 68 17 32 18	- 0	5,070	- 8	1059	-	-	Water saline. TH 19. Uncased, plugged. L.
11bdd-1	Consolidated Sevier Bridge Reservoir Irriga- tion Companies	-	J	54	2	-	F	I	0,5	322	156	С	-	+ 5.3	8-23-58		1,130	Fe 50 gpm. A.
llcac-l llddd-2	Verl Peterson H. B. Christensen	46	J Dr	41 35	3 6	35	C	I,S S	S	15	3	U	-	- 6.1	8-23-56 6-10-58		-	B 20 gpm. Dd 2 ft Perf. 30-35 ft.
12cac-1 12dcc-1 15dcd-1 15ddc-1 22aab-1	do do J. L. Gregerson L. R. Madsen I. E. Lund	51 51 50 17 54	Dr Dr Dr Dr	40 60 86 120 143	4 4 5	143	H J J	S,0 S,0 D,S,I D,S,I	- - - G	142	1	01010	5,096 5,125	- 5.5 -35.2 -50.0 -53.6	6-10-58 6-10-58 6-10-58	58	1,335	Water saline. W. Water saline. Do. Yr 6 gpm. Dd 35 ft. Water saline
22dba-1	V. J. Norman	41	Dr	92	4	92	P	D,S	S,G	83	9	C	-	-46	1941	54	-	L. Yr 5 gpm. Dd 0
23bcc-1	George Myatake	34	Dr	193.5	12	186	T	D,S,	G	37 88	31 27	С	5 135	-32.1	1- 3-57	54	405	Yr 1,800 gpm. Dd 6 ft. Perf. 50- 186 ft. L, W.
23cmc-1	S. Kimura	35	Dr	78	8	78	T	I	G G	133 46 65	46 3 13	C	-	-27	1935	51	399	Yr 600 gpm. Dd 33 ft. Perf. 42- 48, 65-78 ft. A,
23cba-1	J. L. Jensen	41	Dr	83	h	75	J	s,0	S	80	3	c	5,115	-24.3	8-17-56	54	-	Yr 8 gpm. Dd 0 ft. Water saline
23ccb-2	C. H. Beal Est.	42	Dr	56	4	56	P	D,S	S,G	52	14	C	-	-18	1942	58	675	L. B 5 gpm. Perf. 53-56 ft.

		pa	vell	vell	ve11	casing)	life	Li di	80	ncipa	_		t ce d		level	0)		1
Well number	Owner or user	Year drilled	Type of we	Depth of we (feet)	Diameter of , (inches)	Depth of ca	Method of 1	Use of vater	Character of material	Depth to top (feet)	Thickness (feet)	Occurrence	Altitude of land-surface datum (feet)		Date	Temperature	Chloride (ppm)	Remarks and other available data
(C-19-1) 24cdd-4	Westview, Vermillion, and Consolidated Sevier Bridge Reservoir Irriga-	00	J	50	2	-	7	I	-	-	-	c	-	+ 4.0	6- 6-58	52	495	One of 8 similar wells. Fm 8 gpm.
25aad-3	tion Companies Consolidated Sevier Bridge Reservoir Irriga- tion Companies	00	J	50	2	-	7	I	-	-	-	С		- 5.2	5-28-58	50	505	One of 43 similar wells. Fm 5 gpm at point 7.0 ft below land sur-
25baa-21	Westview, Vermillion, and Consolidated Sevier Bridge Reservoir Irriga-	00	J	50	2		F	I	-	-	-	С	-	+ 4.0	6- 6-58	52	500	face. One of 22 similar wells. Fm 8 gpm. Total flow 470
25bad-15	tion Companies do	00	J	50	2	-	P	1,8	-	-	-	С	-	+ 2.8	6- 6-58	52	445	gpm 8-20-57. One of 25 similar wells. Pm 8 gpm. Total flow 435
25cdd-5	Consolidated Sevier Bridge Reservoir Irriga- tion Companies	11	J	50	2	-	7	0,1	-	-	-	c	5,090		8-17-56		402	gpm 8-20-57. One of 7 similar wells. Fm 5 gpm. A, W.
25cdd-6	do	11	J	50	5	-	F	0,1	-	-	-	C	5,090	+ 2.3	3-27-59	52	-	One of 7 similar wells. W.
25dma-1	do	00	J	50	5	-	P	I	-	-	-	С	-	- 6.5	8-19-58	51	450	One of 24 similar wells. Fm 50 gpm. Total flow 425 gpm 8-20-58.
25dcc-1	U.S. Geological Survey	59	Dr	434.0	6	-	N	N	0,8 8,8e	100	68	C	5,100	-	-	-	2,860	TH 17. Uncased, plugged. A, L.
26acd-1 26bca-1	B. F. Jensen L. R. Lund	41	Dr	71 82.3	14	71	P	1,8,D D,8	5,G	55	16	U	-	-71 -62.3	1941 5-27-58	-	-	Yr 5 gpm. Dd O ft.
26444-1	U.S. Geological Survey	59	Dr	156.0	6	-	N	N	0,8	48	16	Ū	5,140	-40	1159	-	-	TE 18. Uncased,
27acc-1	Ivan Squire	42	Dr	199	42	199	P	I,D	G	184	15	U	-	-171.1	5-27-58	58	75	plugged. L. Yr 5 gpm. Dd 0 ft.
27ded-1 35aba-1	Marlin Sorensen	148	Dr	~	4	80	P	8	-	-	-	-	-	-	-	60	120	L.
	L. E. Nielson	40	Dr	295	6		T	D,8,1	8,0	55 68	3	-	-	-		65	135	Yr 5 gpm. Perf. 55-58, 75-80 ft. 1
2,444	A. J. Frandsen	-	Dr	269	3	264	P	D,S,I	Cg	262	7	C	-	-95	1942	-	-	B 4 gpm. Dd 55 ft. L.
35bas-1 35bbc-1	Lamar Hendrickson I. E. Overfelt	14 46	Dr Dr	130	6	261	J	D,0,8	G,S	260	1	U	5,205	-105.8 -221	8-16-56 1946	50	:	Water saline. Casing pulled, well abandoned. B 10 gpm. Dd 15 ft. Perf. at 250
35bda-1	John Stanfield	40	Dr	274	4	128	P	D,S	8,0	225	49	U		-113	1940	65	195	ft and 261 ft. Tr 8 gpm. Dd 0 ft.
35ede-1	I. E. Overfelt	41	Dr	203	3	146 203	P	D,S	S,G	197	6	U		-189	1941	53	-	Well not used. Yr
35cdd-1 36edc-1	Conrad Frischknecht Consolidated Sevier Bridge Reservoir Irriga- tion Companies	14	Dr J	218 50	8 to 1	=	P	D,0,8	:	:		UC	5,260	-157.2	8-16-56 5-21-58		465	3.5 gpm. Dd 1 ft. W. One of 25 similar wells. Fe 20 gpm at point 6.0 ft below land sur-
36bbb-1 36dab-1	L. M. Sorensen Consolidated Sevier Bridge Reservoir Irriga- tion Companies	51	Dr J	56.4 50	4 2	:	J F	SI	:	:	:	00		-36.3	5-27-58 5-21-58	51	530	face. Total flow 332 gpm 5-21-58. One of 5 wells. Fe 10 gpm at point 4.0 ft below land sur-
(C-20-1) 3aad-1	I. E. Overfelt	45	Dr	230	6		T	8										face. Total flow 32 gpm. Yr 20 gpm.
24dca-1	J. C. Bielson Delloyd Christensen	48	Dr Dr	64 55	6 to 4	55	P	0,8	ō	53	2	CC	5,107	- 9.8 -14	5-20-58 1942	58	:	W. Yr 5 gpm. Dd O ft. L.
	Merrill Mellor	31	J	75	11	-	y	s,0,I	-	-	-	С	5,010	+ .8	9-18-56	-		Fr 5 gpm. W.
19ddb-1	H. M. Gribble I. L. Henrie	41	Dr Dr	28 50	3 4	28 50	P	8	S,0 S,0	21	7	Ū	:	~16 -32	1941 1949	54 50	:	B 10 gpm. Dd 2 ft. Yr 5 gpm. Dd 3 ft. Perf. 35-50 ft.
22dca-1 23aaa-1 23acd-1 28ddc-1	R. L. Hermansen N. L. Hermansen N. V. Nielsen Just Gregerson M. O. Hansen	55 46 52 50	Dr Dr Dr Dr	53 160 45 35 32	6 to 4 5 4 48	53	JJJJK	D,S,I 8,0 S D,S,I S	G	50	3	ם ט ט ט	5,185	-31 -11.0 -17 -22.4 -31.2	1955 7-25-58 1958 9-26-56 8-22-56	54	:	B 8 gpm. Dd O ft. W.
30ddd-1 31msc-3	E. M. Christensen Clement Christensen	45	Dr Dr	68	4	68	C	D,S S,0	8,0	61	54	C	5,110	-11.5 -15.0	7-23-58 8-16-56	59 59	:	Yr 20 gpm. Dd 8 ft. B 5 gpm. Dd 0 ft.
	Vernal Christensen	47	Dr	40	4	40	J	D,S	S S S,G	12 22 35	4 4 5	U		- 6.9	7-23-58		-	L, W. B 10 gpm. Dd 2 ft. Perf. 34-40 ft.
32cdd-1 32dma-1	C. S. Hansen Gunnison Sugar Company	41 39	Dr Dr	65 572	6 8 6 4	65 0-110 110-446 446-532	J -	D,S,I	G Sh	52 350	13	U	:	-65	1941	56	-	B 7 gpm. Dd 0 ft. Water saline. Casing pulled, well abandoned. L.

		Pe	11	17	well	guis	lift	1.0		incips quifer			4 8 0	Water	level	(oF)		
Well	Owner or user	Year drilled (19 )	Type of well	Depth of well (feet)	Dismeter of v	Depth of cas: (feet)	Method of 11	Use of water	Character of material	Depth to top (feet)	Thickness (feet)	Occurrence	Altitude o land-surfac datum (feet	Above (+) or below (-) & land-surface at datum (feet) as	Date of measurement	Temperature	Chloride (ppm)	Remarks and other available data
(D-19-1) 33cab-1	C. A. Peterson	43	Dr	74	lş.	74	J	D,S,I	S	70	4	U	-	-42.1	7-21-58	-	-	Yr 60 gpm. Dd 10 ft.
(D-19-2) 18caa-1	H. M. Yardley	49	Dr	20	6	20	J	D,S	s,G	18	2	υ	-	-12	1949	49	-	Yr 6.5 gpm. Dd 1 f
(D-20-1) 3aab-1	A. L. Fredricksen	47	Dr	83	14	83	J	D,S	s,G	75	3	U	-	-55	1947	49	-	B 10 gpm. Dd 5 ft. Perf. 72-78 ft.
4abc-1 4ddb-1	Newman Beck B. R. Fjeldsted	50 46	Dr Dr	62 95	14 14	95	P P	S,0	- G	54	- 2	U	5,175	-37.5 -32	8-23-56 1946	54 49	228	Water saline. A, W. B 10 gpm. Dd 8 ft.
5acd=1 5bab=1	A. W. Sandstrom C. W. Weller	47 46	Dr	59.1 40	4 6	50 40	J	D,S D,S	S,G S,G S,G	94 46 32	1 4 1	U	:	-29.9 -15	7-16-58 1946	50 43	:	Perf. 44-50 ft. B 15 gpm. Dd 1 ft.
5bbd-1 5dab-1 5dac-1 5dbd-1 5dbd-2 5dcd-1 6abd-1	Grant Christensen Roy Caldwell Lamont Sorensen W. M. Nielsen W. C. Smith Harold Nielsen Elmo Sorensen	44 35 30 47 47	Dr Dr Dr Dr Dr Dr	40 93 93 96 40 74.2 70.7	4 4 6 4 4	93 96 - 40	J J J J J	D,S,O D,S,I D D D,S,I D,S	S,G S,G S	39 -92 -90 -15 33	1 - 6 - 10 7	ם ח ח ח ח ח ח	5,120	-27.2 -27.6 -50 -16.4 -21.0 -15.0 -11.7	8-22-56 7-16-58 1936 7-16-58 7-16-58 7-16-58	61		W. B 5 gpm. Dd 0 ft. B 10 gpm. Dd 4 ft. Perf. 31-40 ft. One of 8 stmilar
7ddd-1 Saab-1	Consolidated Sevier Bridge Reservoir Irriga- tion Companies A. T. Beck	42	J	19.0	2	- 80	F	I,S D,S	S,G	20	5	C	5,050	+ 3.2	7-14-60	53	-	One of 8 similar wells. Fm 20 gpm. Yr 7 gpm. Dd 0 ft.
Sabd-1 Sbcd-1	F. T. Christensen	55	Dr	311	4	311	N P	D,S,I	S,G S,G G	40 70 10 40	15 10 43	CU	:	- 3 -14	1955	54	-	B 8 gpm. Dd 57 ft.
8dda-1	L. L. Christensen	47	Dr	42	4	47	J	D,S,I	S,G S,G	20 35	7 2 2	ซ	-	- 6.8	7-16-58	1	130	Yr 10 gpm. Dd 12 ft. L. B 10 gpm. Dd 2 ft.
9acc-1	Percy Anderson	47	Dr	50	4	50	J	D,0,S	S,G	46	4	υ	5,195	-41.7	7-23-56	49	-	Perf. 20-37 ft. B 6 gpm. Dd 2 ft. Perf. 44-50 ft. L, W.
9cbb-1	C. P. Nielsen	47	Dr	39	4	39	J	D,S	S S,G	10 34	4 5	U	-	- 8.9	7-16-58		-	B 10 gpm. Dd 2 ft. Perf. 34-39 ft.
9dbb-1	L. L. Christensen	46	Dr	142	4	142	J	D,S,I	S,G S,G La	40 60 123	3	U	-	-29.4	7-16-58	-	-	Yr 8 gpm. Dd 107 ft.
16caa-1	Marion Fauntin	40	Dr	40	6	33	J	D,S,I	S,G	28	12	U	-	-18	1940	45	-	Yr 550 gpm. Dd 7 ft.
16ccc=2	C. P. Jensen Curtis Whitlock	41	Dr	52	5 to 3	52	J	D,S,I	S,G	40	12	U	-	-22.2	7-11-58 7-11-58	54		Yr 12.5 gpm. Dd 10 ft.
16cdd-1 17ccd-1 17dcc-1	Bertram Olsen Paules Peterson Miles Jensen	20 41 12 41	Dr Dr Dr	53 52 75 74.5	3 4 4 to 2	52 34	J	D,S D,S,I D,S O,D,S	S,G	35	17	U	5,142	-25 -18 -23.2	1941 1958 8-22-56		=	Yr 8 gpm. Dd 6 ft. Yr 7.5 gpm. Dd 5 ft. L, W.
18ddd-1 19aba-1 19aca-1 19das-1 19dba-1 19dcb-1 20acc-1 20acc-2 20acd-1	Christy Thorpe Richard Cowley Deane Anderson Maynard Sorensen S. P. Anderson I. R. Sorensen W. C. Sizonnen George Bertlesen Leo Anderson Deane Anderson Deane Anderson	53 - 10 - 00 49 10 18 17 55	Dr Dr Dr Dr Dr Dr Dr Dr	56 32 62.4 50 185 45 75 66 66 117	4 4 4 4 4 2 3 48 4	56 - - 45 - 66 117	J J J J J J J P J	D,S D,S,I D,S,I D,S,I D,S,I D,O,S D,O,S D,O,S	s,G - s,G	49	5	מטממממטט	5,120	-22.2 -21.5 -26.0 -42.5 -29.4 -29 -29.0 -37.4 -39.0 -37.3	7-11-58 7-10-58 7-10-58 7-10-58 7-10-58 1949 9- 5-56 7- 9-58 3-12-58 7- 9-58	50 - 52 50		F 6 gpm. Dd 0 ft.  Yr 6 gpm. Dd 7 ft. Yr 10 gpm. W. B 8 gpm. Dd 20 ft. L.
20add-1 20bbd-1 20caa-1 20cab-2 20cac-1	Royal Whitlock Lavern Larsen Axtell Ward, L.D.S. Church Rulon Jensen Edwin Watts	22 34 - 41 45	Dr Dr Dr Dr Dr	68 64 72 90 55	3 3 4	88	J J J J	D,S D,S D,I S	G	87.5 27 50	2.5	UUUUUU	:	-32.0 -36.1 -37.4 -40.8 -43.0	7- 9-58 7- 9-58 7- 9-58 7- 9-58 7- 9-58	49	:	Yr 5 gpm. Dd 0 ft. Yr 14 gpm. Dd 0
20ccd-2 20daa-1 20dba-1 21aab-1 21bac-1	Elwood Sorensen Howard Jensen D. C. Jensen M. E. Jensen C. L. Thorpe	- 46 54 47	Du Dr Dr Dr Dr	60 41.3 80 150 71	36 3 6 4 to 2	60 - 80 - 71	P J J J	D,S D,S,I D,S,I D,S,I D,S,I	G S,G G	20 - 20 66	- 5	U U U U	=	-49.0 -34.8 -37.0 -28.6 -20.0	7-16-58 7- 9-58 7- 9-58 7- 9-58 7- 9-58		-	Yr 27 gpm. Dd 0 ft.
2lbcc-l 2lbdc-l 2lcba-2 2ldab-l	A. A. Jensen O. C. Doke Arnold Amtoft H. A. Jensen	42 17 43 55	Dr Dr Dr Dr	64 140 100 174	4 3 4	- 0-79 79-174	J J J	D,S,I D,O,S D,S,I S	- Ss	149	-	UUU	5,180	-30 -43.9 -34.7 -47	1942 8-23-56 7- 9-58 1955	56	-	Yr 8 gpm. Dd 0 ft. Yr 10 gpm. B 2.6 gpm. Dd 25 ft. Perf. 154-
21dbb-1	C. L. Thorpe	40	Dr	70	6	70	J	D,S,I	8,G	60	10	U	-	-60	1940	45	-	ft. Perf. 154- 174 ft. L. Yr 100 gpm. Dd 0 ft.
21dcb-1 22ccc-1	Lenore Sorensen Dale Jensen	43	Dr	92.0	3	124	J	D,S,I D,S	s,0	80	20	U	-	-60.7 -60	7- 9-58 1943	-	-	Yr 8 gpm. Dd 20 ft.
27bcb=1 28abb=1	Lavern Larsen Clay Jensen	45	Dr Dr	56 90	3 4	56 90	P	D,S D,S,I	S,G S,G	115 45 78		U	-	-35 -85.5	1945 6-24-58	-	:	Yr 5 gpm. Dd 15 ft. Yr 24 gpm. Dd 10
-		53	Dr	136	4	133	J	D,0,S	G	135	1	U	5,240	-112.9	9- 5-56	-	-	ft. Yr 20 gpm. Dd 1 ft. L, W.

Table 1 .-- Records of selected wells and test holes in parts of Sanpete, Sevier, and Piute Counties, Utah - Continued

		70	_		well	ga;	£	L	Pr	incip	al		4 00	Water	level	(ok)		
Well number	Owner or user	Year drilled (19 )	Type of well	Depth of well (feet)	Diameter of w (inches)	Depth of casing (feet)	Method of lift	Use of water	Character of material	Depth to top (feet)	Thickness (feet)	Occurrence	Altitude o land-surface datum (feet	Above (+) or below (-) M land-surface and datum (feet)	Date of measurement	Temperature	Chloride (ppm)	Remarks and other available data
(D-20-1) 29aac-1	L. J. Peterson	45	Dr	91	4	91	J	D,S,1	G	86	5	U		-70.1	6-24-58	-		Yr 15 gpm. Dd 10
29abd-1	Alonzo Jensen	48	Dr	90.7	4	- 60	J	D,S,1	-	-	-	U	-	-68.3 -68.8	6-24-58		-	ft.
29ada-1	M. G. Sorensen	40	Dr	89.5	4		J	D,S,I		-	-	U	-	-60.0	6-24-58	-	-	
(C-20-1)		T-								Ι								
25aac-1 25dcd-1 36bcb-1	Marvin Jensen A. J. Christensen J. F. Peterson	51 54	J J Dr	95.3 46 62	4 4	46	CCC	s,0 s,0	G G,salt	36 55	10 7	C	5,105 5,125	-12.6 - 8.4 -31.2	4- 9-58 4- 9-58 4- 9-58	52	:	W. Water saline.
(C-21-1) lbdc-1 lcda-1	J. C. Breinholt Robert Ence	30 47	Du Dr	12 32	66 4	12	N	S D,I, S,O	s,c	18	14	U	5,115	- 3.0 - 7.2	3-26-58 9- 5-56		:	Log: clay, 0-18 ft; sand and gravel, 18-32 ft.
lcda-2 2bbd-1 2cbb-1 2ccd-1	J. F. Peterson Lamarr Rasmussen J. P. Johnson C. E. Christensen	49 46 41 45	Dr Dr Dr Dr	42.2 85 74 116	4 4 5	77 74 71	J J P J	D,S,I S,O S	s s,c	77 62 109	8 12 7	U U U	5,180	- 7.7 -51.4 -44 -64	3-26-58 8-15-56 1941 1945	59 58 59	:	W. Perf. 72-73 ft. L. Yr 8 gpm. Dd 11
10ada-1 10caa-1	Hilton Nelson M. R. Sorenson	50 42	Dr	66.0	4 4 2	0-75	N	s,0	s.G	89	14	U	5,170	-43.2 -70	8-15-56	58	-	ft. Yr 5 gpm. Perf.
10dcd-1	James Peterson	41	Dr	95	4	75-103	J	S	8,0	83	12	C		-47.0	3-26-58			93-103 ft. L. B 5 gpm. Perf. 83-95 ft.
llada-1	Town of Redmond	34	J	41	6 to 4	83-95	F	P	-	-	-	С	-	+ 2.5	3-26-58	66	315	Fr 12 gpm. A.
llada-2 llada-3 lladb-1	do do do	34 46 46	J Dr Dr	40 40 65	6 to 4	40	F	PPP	S,G S,G	6 6	34	CCC	:	3	:	66 48 48	-	Fe 1 gpm. Fe 1 gpm. Fr 135 gom. Perf.
lladb-2 lladb-3	đo đo	46 46	Dr Dr	70 70	6	70 70	F	P	s,G s,G	10	60	CC	:	:	:	48	:	Fr 135 gpm. Perf. 45-65 ft. L. Fr 135 gpm. Fr 135 gpm. Perf. 45-70 ft.
13abd-1 13bda-1	R. E. Noyes Lamarr Rasmussen	55 prior	Dr J	291 160.5	4 3 to 2	290	F	S,I,0 D,S	8,G	290	1	c	5,110	+ 7.0 + 3.0	9- 5-56 3-26-58	66 59	115	45-70 ft. Pm 50 gpm. A, W. Pm 4 gpm.
13dbc-1	Dora Christensen	56	Dr	38	4	38	J	S	G	36	2	С	-	-10	1956	52	-	Yr 15 gpm. Dd 5
14bdb-1	Wilford Rasmussen	42	Dr	55	52	55	С	5,0	S,G	41	14	U	5,125	- 9-3	8-15-56		-	B 5 gpm. Dd 0 ft. L. W.
15cda-1 16dbc-1 18daa-1	Elliot Crape Carlyle Bird U.S. Geological Survey	56 27 60	Dr Dr Dr	81 557 959.0	4 4 6	81	T N	s,o	G -	80	-	u	5,306	-45 -180.0	1956 3-19-58	54	:	B 8 gpm. Dd 1 ft. W. TH 11. Uncased,
22bac-1	Arnold Bastian	55	Dr	131	24	128	J	8	0,8	67	2	U	-	-48	1955	56	-	plugged. L. B 8 gpm. Dd 0.5 ft. L.
22cbc-1	S. M. Jorgensen	45	Dr	253	6	-	T	D,S,I	G	246	7	U	-	-84	1945	52	-	Yr 20 gpm. Dd 32 ft.
22cdd-1	G. G. Peterson	48	Dr	220	5	-	-	D	G	212	8	U	5,165	-38	1948	53	-	Yr 20 gpm. Dd 5 ft.
23dca-1 24bbb-1	U.S. Geological Survey D. G. Burgess	59	Dr	200.0	6	-	C.F	N D.S	G,S	6	100	U	5,130	- 7.1	3-19-58			TH 24. Uncased, plugged. L.
25bba-1	U.S. Geological Survey	59	Dr	700.0	6	-	N	N	S,0 0 0,5	30 212 682	156 30 18	Ü	5,148	-27.9	11-23-59		-	Fr 4 gpm. TH 12. Uncased, plugged. A, L.
26bdb-1 27aad-1	United Development Company	57	Dr	722	5	621	F	S,0	V	480	226	C	5,118	+ 3.5	2- 4-58		98	Oil test hole. Fm
27bbb-1 27cca-1 27cca-2	E. A. Thorsen Carl Mattsson Raymond Dahlstud L. D. Mason	06 39 16 46	J Dr Dr Dr	211 105 280 142	3.5	90	J	D,S,0 S,0 S,D,0	0	91	14	CUCU	5,129 5,215 5,176	- 7.9 -86.2 -44.9	8- 9-56 8- 8-56 8- 8-56	-		W. L, W. B 18 gpm. Dd 6 ft.
28adc-1 32dcb-1	L. H. Crane V. A. Johnson	54 50 54	Dr	105	la la	105	J	S	S,G	102	40	U	-	-87	1954	50	-	B 4.5 gpm. L.
33abd-1 33acc-1 34bbb-1	Homer Christensen Roland Crane Orlando Crane	54 11 12	J Dr Dr	125 200 259	2 3 3	125	1 1	5,0 D,S,I D,S,0 D,S	0	122	3	0000	5,213 5,182 5,181	-46.6 -46.9 -49.8	3-12-58 8- 8-56 3-18-58	60		
(C-22-1) 4sab-1	C. M. Curtis	55	Dr	49	4	49	С	s,0	8,0	43	6	U	5,150	-17.6	3-10-58	52	-	Tr 11 gpm. Log: clay 0-43 ft,
5bac-1	Town of Aurora	52	Dr	490	8	490	T	P	G	450	40	U	-	-95	1952	53	51	sand 43-48 ft, gravel 48-49 ft. Yr 200 gpm. Dd 20 ft. Perf. 455-
7dca-1 Samb-1	Voyle Bagley U.S. Geological Survey	50 60	Dr Dr	120 665.0	6	:	J	S,O	- 0 0 0 0 0 0	22 71 132 325 402 453 525	30 51 13 29 25 42 62	U	5,251 5,135	-79·3 - 6.0	8-13-56 3-29-60		:	490 ft. A, L. TH 13. Uncased, plugged. L.
8bbd-1	A. L. Anderson	prior 35	Dr	129	3	-	P	D,S	9	625	20	-	-	-35-7	8- 7-56	-	-	Ym 5 gpm.

		pag	well	well	well	casing)	lift	e.		ncipa uifer	-		4 9 0	Water	level	(Jo.		
Well number	Owner or user	Year drilled (19 )	Type of we	Depth of we (feet)	Diameter of (inches)	Depth of ca (feet)	Method of 1	Use of water	Character of material	Depth to top (feet)	Thickness (feet)	Occurrence	Altitude of land-surface datum (feet)	Above (+) or below (-) land-surface datum (feet)	Date of measurement	Temperature (	Chloride (ppm)	Remarks and other available data
(C-22-1) 8ccc-1 9add-1	G. T. Shaw F. J. Gurney	50 prior	Dr Dr	40.3	4 4	-	J	S D,S,0	:			UC	5,189	-29.4 -37.5	3-10-58 2-28-58	- 60	-	Ye 2 gpm. Water highly min-
9add-2 10bcc-1	do Otto Lambertson	08 59 53	Dr Dr	234 535	4 6 4	234 0-333 333-535	J	s D,S,I	S,G S	180 525	3	UC	5,189	-38.6 -19.1	6-29-59 2-28-58	57 52	:	eralized. A. B 10 gpm. Dd 5 ft.
18aba-1	Blaine Curtis	50	Dr	125	4	125	J	S	s,c	120	5	U	-	-62	1950	50	-	Water reported brackish. Yr 6 gpm. Dd 25
18ecd-1	Aldon Mason	54	Dr	100	14	72	J	8,0	G	99	1	U	5,255	-56.9	8-13-56	52	-	B 64 gpm. Dd 5 ft.
18dda-1	Emeron Shaw	52	Dr	50	4	50	J	8	S,G	23	27	U	-	-25.8	2-25-58	50	-	L, W. B 10 gpm. Dd 0.5
19aba-1 19bad-1	J. N. Kane U.S. Geological Survey	16 60	J Dr	106 363.0	3 6	:	PN	D,S N	G G	18 139 244	100 79 43	U	5,180	-19.4 -18.3	2-25-58 4-14-60	-	:	ft. TH 14. Uncased, plugged. L.
20acc-1	P. R. Anderson	52	Dr	72	4	72	J	D,S,0	G S	296 56	64	U	5,212	-43.9	8- 9-56	59	555	Yr 9 gpm. Dd 5 ft.
32da	Standard Oil of California	57	Dr	9,638	13-9	7,428	-	N	Se	8,99	-	-	-	-		150	-	A, W. Oil test hole. Log: Arapien Sh O-8,999; Navajo Ss 8,999-9,630. Water in Navajo Ss saline. Plugged and abandoned.
(C-22-2) 13dab-1 25dbb-1 25dbc-1	Lero Curtis M. W. Stringham Leo Thalman	50 30 26	Dr J Dr	165 82.5 92.5	3 3	165	P N	S D,S,I D,S,	s,c	160	5	U -	5,259 5,243	-140 -52.4 -36.8	1950 2-19-58 8-13-56	51	:	L. W.
25dbc=2	Vernal Bastian	15	J	64.6	31	134	N	I,0 D,S,I	s.0	- 6	128	- U	5,244	-40.7	2-19-58	-	-	Perf. 88-132 ft.
34ddd-1 35cda-1 35daa-1	O. C. Snow Est. John Jorgensen Cecil King	12	Dr Dr Dr	134 150 100	6 3 5	100	CPT	D,S,I D,S,I	- G	91	- 9	U	-	- 8 -40	1956 1945	50	-	Yr 20 gpm. Dd 15
35dcd-1	L. A. Dastrup	28	Dr	70	4	-	P	s	-	-	-	U	-	-42.7	8- 7-56		48	ft. Well in bottom of 20 ft deep pit.
35dcd-2	U.S. Geological Survey	60	Dr	289.0	6	-	N	N	0 0	16 58 102 131	18 12 27 11	U	5,250	-32.4	4-14-60	-		A. TH 15. Uncased, plugged. L.
36acd-1	Orville Gurr	1890	Dn	63	2	-	P	D,S	G,S	148	35	C	-		-	-	-	Fr 2 gpm. Well covered when Rockyford Res-
36dab-1	H. and H. Dastrup	00	J	80	2	-	y	S	-	-	-	С	-		-	-	-	ervoir is full. Fr 3 gpm. Yield fluctuates with water level of Rockyford Res- ervoir.
36dbd-1 36dca-3	J. A. Pectol W. F. Barron	33 20	J	63 56	3 2	-	F	D,S S	:	-		CC	5,215	- 5.0	2-18-58	54	95	Fr 3 gpm. Yield fluctuates with water level of Rockyford Res- ervoir.
(C-23-1) 20adc-1	Town of Sigurd	57	Dr	310	8	283	F	P	S,G S,G S,G	125 195 220 257	20 20 22 53	С	-	+ .5	1957	58	61	Fr 40 gpm. Dd 100 ft after 6 hours pumping at 435 gpm. Perf. 125-
20adc=2	Lamar Dastrup	-	Dr	63.5	14	-	P	I	-	-	-	C	-	4	4- 5-57	-	-	280 ft. A, L. One of five wells in reservoir bottom, all of which generally
20dba-1	do	09	Dr	94.0	4		F	I	-		-	c		+ 6.0	8-22-57	57		flow. Do.
(c-23-2)	U.S. Gypsum Company	54	Dr	311	6		c	Ind	G	275	36	C						B 50 gpm. Dd 40
laab-2 laab-3	do	57	Dr	335	16 to	335	T	Ind	S,G S,G S,G G	89 183 201 265 291	31 13 17 8 44	C		- 5	1958		-	ft. Yr 150 gpm. Dd 79 ft. 8-inch cas- ing with 20 ft of 35 slot screen set inside 16- inch casing. The annulus is filled
laac-6 laba-2	do Cecil King	47	Dr	100	8 2 to 12	:	C F	Ind D,S,I	-	:	-	C	5,209	+ 1.0 + 1.5	8-13-56 2-17-58	-	-	with gravel. L. Fe 1 gpm.

8

		T			-	te		1		incip		_	T-	Untow	level	(A)		
Well number	Owner or user	Year drilled (19 )	Type of well	Depth of well (feet)	Diameter of well (inches)	Depth of casing (feet)	Method of lift	Use of water	Character of material	Depth to top in (feet)	Thickness (feat)	Occurrence	Altitude of land-surface datum (feet)	Above (+) or below (-) a land-surface datum (feet)	Date of a	Temperature (OF)	Chloride (ppm)	Remarks and other available data
(C-23-2) lbbd-2 lbca-1 lbdc-1 2bbd-1 3cca-1 3dac-1 4dab-1 4dbc-1	F. Anderson Leland Dastrup Joe Jorgensen John Dastrup Reed Davis H. A. Cowley I. W. Oldrobach George Rickenbach	05 21 15 17 18 51 10 25 45	J J Dr J Dr J Dr Dr	137 100 125 120 116 70 117 98 387	332332335	380	N N J N P P N J	D,S,I D,S S,O S D,S D,S D,S		60	100	9999999	5,232 5,233 5,217 - 5,281	-11.1 -14.0 - 1.9 - 4.7	2-17-58 2-17-58 9-13-56 2-12-58 2-12-58 1951 7-25-56 1945	- - 52 52	35	Tr 12 gpm. W. Tr 40 gpm. Tr 12 gpm. Tr 12 gpm. Tr 3 gpm. Tr 20 gpm. Tr 10 gpm. Tr 10 gpm. Tr 20 gpm.
4dec-1 8cdc-1	Ellis Anderson Chad Heppler	52 52	J Dr	425 151	2 6	146	P	S	G	420 130	5	C	-	-16 -125	1952 1954	52 50	75	ft. L. Yr 3 gpm. B 8 gpm. L.
8dcd-1 9mad-1 9mbb-1	Dewey Sampson L. Z. Haslam U.S. Geological Survey	56 19 60	Dr Dr Dr	88 100 594.0	36	:	J P N	S S	0 0 0	146 80 459 487 519	8 7	U - C	5,269	-68 - 9.5	1956 4-28-60	54		B 8 gpm. Yr 15 gpm. TH 6. Uncased, plugged. L.
9abc-1 9add-1 9bas-1	Howard Hansen F. C. Cowley F. M. Wall	59 35 45	J Dr J	475 175 475	3 3 3 to	357 425	PPP	S 8 8,0	0 0	548 360 425	50	C	5,255 5,269	-10 -25.3	659	-	:	A. Yr 10 gpm. Yr 8 gpm. Dd 19 ft. W.
9bdd-1 9cda-1 9daa-1	C. J. Wall D. E. Anderson U.S. Geological Survey	52 14 60	J J Dr	189 146 739.0	3 3 6	:	JPM	B D,S N	s,0 0 0	91 163 220 274 371	10 11 10 14 11	- C	5,255	- 5	6- 6-60	54	545	Yr 1 gpm. TH 8. Uncased, plugged. L.
9dac-1 10bdd-1	J. E. Cowley Evan Anderson	46	J	9k 87	3 21/2	:	P	s D,8,0	G G G Cg?	567 638 668 76 85	27 9 11 18 2	CC	5,250	- 8 -14.8	1946 7-25-56		:	Yr 12 gpm. Yr 10 gpm. Log: clay 0-85 ft, sand and gravel
10cmd-1 10cmd-1 10dmd-1 10dbc-1 10dcc-1	E. M. Cowley Elwood Buchanan D. C. and I. A. Cowley C. A. Cowley U.S. Geological Survey	30 47 00 51 60	J J J Dr	190 165 84 73 805.0	04886	:	PPPP	D,S,I S S	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	160 - 65 62 223 297 386 606 657	5 8 151 38 35 114 28	10000	5,232	- 8 + 2 - 3 + • • 9	1947 1958 1951 4-16-60	53 53 53 53	75 65 -	85-87 ft. W. Yr h gpm. Yr 13 gpm. Dd 2 ft. Fe 2 gpm. Yr 180 gpm. TE 5. Uncased, plugged. Fe 5 gpm. A, L.
10dcd-1 11bdb-1 11cbd-1 11dda-2 11dda-2 11db-1 12bca-1 12bca-2 14asa-1 14cbc-1	D. C. and I. A. Covley Hephi Anderson I. A. Covley C. W. Covley do do T. R. Gledhill Sterling Freinholt M. W. Breinholt U.S. Geological Survey	00 06 1895 10 10 - - 35 52 08 60	J J J J Dr Dr J J	85 86 83 90 90 50 - 28.8 56 61 65 511.0	221131153226		**********	S D,8 S S,I S S S N I S,I,O S,I N	8,0 6,5	708 757 - - - - - - - - - - - - - - - - - -	19 44 40	000000000000000000000000000000000000000	5,233 5,226 5,225 5,225 5,225 5,225 5,225 5,235 5,234	+ .5 + 3.2 + 4.0 - 3.3 + 2.7 + 3.8	1-29-58 1-28-58 1-28-58 1-27-58 8- 8-56 12-26-57	52 52 52 52 49	80 75 100 - 125 115	Fe 10 gpm. Fe 2 gpm. Fe 5 gpm. Fe 5 gpm. Fe 5 gpm. Fe 1 gpm. Fe 5 gpm. Fe 1 gpm. Fe 5 gpm. Fe 6 gpm. Fe 7 gpm. Fe 8 gpm. Fe 8 gpm. Fe 8 gpm. Fe 8 gpm. Fe 9
14cdd-1	C. J. Wall	46	Dr	103	10	103	T	I	B	78	40 25	U	-	-20	1946	52		Yr 125 gpm. Dd 2 ft. Perf. 30-
15abc-1 15abc-1 15acc-2 15acc-2 15acc-2 15ab-1 15bad-1 15bcc-1 15bcc-3 15bdb-2	Marths Avery Est. D. C. and I. A. Cowley F. M. Wall Ray Covley Barold Oldroyd Marths Avery Est. D. C. and I. A. Cowley D. C. Cowley A. L. Buchanan do I. C. Buchanan	15 29 12 15 02 - 15 27 00 16	555555555555555555555555555555555555555	83 71 155 185 82.3 84 65 60 80	1 2 2 2 2 2 3 1 2 2 2 3 1 2 2 2 3 1 2 2 2 3 1 2 2 2 3 1 2 2 2 3 1 2 2 2 3 1 2 2 2 3 1 2 2 2 3 1 2 2 2 3 1 2 2 2 3 1 2 2 2 3 1 2 2 2 3 1 2 2 2 3 1 2 2 2 3 1 2 2 2 3 1 2 2 2 3 1 2 2 3 1 2 2 3 1 2 2 3 1 2 2 3 1 2 2 3 1 2 2 3 1 2 2 3 1 2 2 3 1 2 2 3 1 3 1		7 7 7 7 7 7 7 7 7 7	8,I 8 D,8,I D,8,I I 8 8 D,8,I I				00000000000	5,234 5,234 5,236 5,234 5,235 5,234 - 5,236	+5.5 +4.5 +4.5 +4.5 +5.3 +6.5 +5.8	11-26-57 11-26-57 11-26-57 11-26-57 11-26-57 11-26-57	53 53 53 53 52 52 52 54 52 52 52	90 45 90 40 35 195 50 50 45	103 ft. 1. Fe 2 gpm. Fe 2 gpm. Fe 20 gpm. Fe 5 gpm. Fe 5 gpm. Fe 5 gpm. Fe 8 gpm. Fe 3 gpm. Fe 2 gpm. Fin 20 gpm. Middle well of group of 3 wells.
15bdc-1 15bdc-2 15bdc-5 15bdd-1 15bdd-3 15bdd-4 15bdd-7 15bdd-8	I. M. Oldroyd do Charles Wall Stanley Davis Sevier School District F. E. Wall I. C. Buchacan William Gardner do	28 24 28 28 24 19 - 15	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	72.1 174 152.1 155 167 149.4 160 170 80	2 2 2 2 2 2 2 2 2	167	7 7 7 7 7 7 7 7 7 7 7	S,I D,S,I D,S,I D,S,I D,S,I I,D,S I,D,S		166		000000000	5,235 5,235 5,234 5,234 5,235 5,235 5,235 5,235	+ 6.3 + 1.0 + 5.5 + 4.7 + 5.7 + 4.8 + 5.2 + 6.0	12-10-57 12-10-57 12-10-57 1-27-36 12-10-57 12-10-57 12-10-57 12-10-57	53 53 53	125 70 105 50 - 35 35 50 110	Fu 6 gpu. Fu 12 gpu. Fu 6 gpu. Fe 2 gpu. Fr 3 gpu. Fr 100 gpu. Fu 6 gpu. Fu 6 gpu. Fe 5 gpu. Fe 4 gpu.

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Table 1.--Records of selected wells and test holes in parts of Sampete, Sevier, and Piute Counties, Utah - Continued

		lled )	well	well	well.	casing (	11ft	water	ac	ncipal			of t)		level	(OE)		
Well number	Owner or user	Year drill (19 )	Type of we	Depth of we (feet)	Diameter of (inches)	Depth of ce (feet)	Method of ]	Use of wat	Character of material	Depth to top (feet)	Thickness (feet)	Occurrence	Altitude of land-surface datum (feet)	Above (+) or below (-) land-surface datum (feet)	Date of measurement	Temperature	Chloride (ppm)	Remarks and other available data
-23-2) 15cad-1	C. W. Cowley	20	J	155	2		F	D,I	-	-	-	C	5,235 5,236	-		-		Fr 20 gpm.
15cad-8 15cad-11 15cad-13	F. W. Cowley A. L. Smith	25 14 25	J J	165 165 80	2 2	-	F	D,S,I D S	=	-	-	000	5,236 5,236 5,236	+ 4.5 + 5.8 + 6.3	12-12-57 11-15-57 11-15-57	52	65 55 480	Fe 2 gpm. Fe 5 gpm. Fe 5 gpm. A.
15cbd-2 15cca-1	Ida Brugger C. L. Avery	00	J	192 79.4 85	2	-	F	D,S,I	-	:	-	C	5,237	+ 5.1	12-12-57	53	30 650	Fe 2 gpm. Fe 15 gpm. A.
15ccc-6	do	02	J	85 75	2	:	F	S,I S,I	-	-	-	000	5,239	+ 3.8	11-19-57	53	60 420	Fm 3 gpm. Fr 12 gpm. A.
15cdb-8	L. L. Buchanan B. R. Liston	03	J	75 80 80	2	-	F	S,I	-	-	-	C	5,236 5,236	+ 6.3	11-26-57	52 53	100 220	Fm 25 gpm. Fm 4 gpm.
15dbb-1	Sterling Breinholt	35	J	178	5	178	F	D,S,I	G	150	28	C	5,235	+ 5.0	4-25-58	52	63	Fm 10 gpm. Perf. 175-178 ft. A.
15dbb-3 15dbb-8	L. D. Buchanan Frank Wall	34	J	173 80.1	2 2	-	F	D,I	-	-	-	CC	5,236	+ 4.6	12-12-57	53	45	Fe 3 gpm. Fm 6 gpm.
15dbb-9	Sterling Breinholt	11	J	80	2	-	F	D,I	G	79	1	CC	5,235	+ 5.4	12-12-57	53	505	Fe 10 gpm.
15dbb-10 15dbc-4	J. L. Despain	33 1890	J	170 75	12	-	F	D,I D,S,I	-	-	-	C	-			52	70 70	Fe 6 gpm. Fe 2 gpm.
15dbc-8 15dbc-9	Elwood Buchanan do	25 36	J	92.1 173	3 2	173	F	D,I	s,0	142	31	C	5,235	+ 3.4 + 5.5	4-25-58	53	298 70	Fe 30 gpm. A. Fm 8 gpm. Perf. 170-173 ft. L.
15dcb-1	F. C. Cowley I. W. Oldroyd	29	J	184	2	-	N	D,S,I	-	-	-	-	-		-	-	-	170-173 ft. L. Fe 4 gpm.
15dcb-2 15dcb-3	do	10	J	96 95	2	96 90	P,F	D,S	G	96	- 5	C	5,235	+ 5.7	11-23-35 9- 7-56	51	-	
15dcb-4 15ddc-1	Tom Christensen C. J. Wall	05	J	75 84.5	3	-	F	D,I,0 S,I	-	-	-	C	5,234	+ 6.2	3-21-56	51	29	A, W. Fm 14 gpm.
16adc-1 16add-1	E. D. and Golden Buchanan Isaac Oldroyd		J	182 157.5	2	-	J	S	S,G	147	35	CCC	5,241	- 6	1938	54	40 55	Yr 275 gpm. Fr 10 gpm. Water
20000-2	Touse Ozdroje	20		~// /	-		1					1	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			1		has slight sulphur odor.
16add-2 16add-3	A. H. Buchanan T. G. Buchanan	29 54	J	75 178	2	-	C	D,S	- G	176	- 3	C	-	+ 2	1954	57 53	70 50	Yr 3 gpm. Fr 20 gpm.
16bab-1	V. G. Cowley	49	J	60	3 4	60	P	S	0	50	10	000	-	-20	1949	-	30	Yr 10 gpm.
16bcc-1 16bda-1	Bryant Young Larue Miller	57 15	J	168	2	-	C	D,S	-	-	-	C	-	-10	1957	-	45	D. 100
16dab-1 16dbd-1	Raphael Brugger V. J. Stewart	23 56	J	90	3	174	C,F	D,S,I D,S	s,G	169	5	CC	-	+ 3 + 1.9	1957 8-22-57	49	50 40	Fr 120 gpm. Perf. 169-174 ft
17abb-1	Chester Christensen	50	J	103	4	103	J	S	G	93	10	U	-	-78.7 -70	11-15-57	54	- 60	Yr 8 gpm. Dd 2 f L. B 6 gpm. Dd 0.5
17acb-2	Denzil Chidester	56	Dr	94	3	-	J	_		-	-	C	5 206	-37.8	7-25-56	1	200	ft.
17das-1 17dcd-1	Boyd Buchanan Johansen	- 20	Dr	150	3	90	J	D,S,0 D,S,0	-	3	-	CU	5,296 5,284 5,283	-31.7	7-25-56 8-16-57	52	80	Furnishes water
18cbd-1	Adrian Peterson	49	Dr	92	h	-	P	S	s,c	62	30	11	7,203	-71	1949	51	-//	for steam baths Yr 8 gpm. Dd 9 f
18dab-1	Phil Peterson	47	Dr	163	4	162	J	S	0,8	105	58	U	-	-107.5	8- 7-56	52	45	Yr 12 gpm. Dd 2 ft. L.
18dcd-1	Cleve Erickson	50	Dr	110	4	110	J	8,0	s,c	67	43	U	5,331	-67.6	8- 7-56	53	210	B 10 gpm. Dd 12 ft. L.
19aac-1 19add-1	Alvin Helquist C. W. Cowley	25 50	Dr Dr	190 314	3 4	314	J J,F	S	- S	300	14	U	5,307	-43.5	8-16-57	60 54	25 65	Fr 2 gpm. L.
19bbc-1	Reginald Peterson	52	Dr	182	4	182	-	S	G	180	2	U	-	-63	1952	52	-	Yr 10 gpm. Dd 2 Yr 2.5 gpm.
19bcc-1 19bcd-1	Steve Anderson Roy Ross	54 49	Dr	199	2	203.0	J	5,0	Cg S,G	193	6	CC	5,316	-30.3	8- 7-56	55	30 30	B 30 gpm. L.
19cad-1 19dab-1	Cleve Erickson William Hallows	56 29	J	70.2	2	310	C,F	S,0	-	310	-	C	5,289	+11.2	8-29-56	55	21	A, W.
19dad-1 19dbd-1	Duane Gramse P. R. Hansen	56 19	J Dr	84 276	3 4	-	N F	N S	G -	80	4	C	-	+ 8	7-25-56	-	25	Yr 10 gpm. Fm 0.3 gpm.
19dcb=1 19dcc=1	R. Peterson Owen Ogden	56 56	J	132 88	2 2	-	F	S	S,G	130	8	000	1	+16.6	8-15-57	62	25 30	Fm 4 gpm. Fm 0.8 gpm.
19ddc-1 20abc-1	do Arthur Gramse	54 38	J	68	2	68	F	S	G S.G	185	35	C	-	+ 3.1	8-14-57	57	30 60	Fm 1.25 gpm. Yr 10 gpm.
20abd-1	Leland Wilson	55	Dr	95	4	-	J,C	S	B,G	93	2	C	-	-23	1957	54	1,180	B 8 gpm. Dd 10 f
20acd-1 20add-1	Claud Gledhill Jack Anderson	55 25	J	105	3	-	P	S	-	1	-	U	-	-23.1 -12	7-19-57	-	285 25	Ym 2.5 gpm. Yr 2 gpm.
20bdb=1	LaVar Dunn	51	Dr	402	3 4	342	J	S	s,G	335	10	U	-	-65	1951	-	30	B 10 gpm. Dd 20 ft. L.
20cba-l	A. E. Moss	54	Dr	226	4	226	J	S	G	224	2	C	-	-30.8	7-18-57		25	B 8 gpm, Dd 5 ft
20dba-1	Max Ogden	54	Dr	85	4	85	J	S	s,c	76	9	Ü	-	-16.8	7-19-57	54	-	B 11 gpm. Dd 1.5
20dba-2 2laad-2	Dean Christensen J. Stewart	55 05	J	78 75.1	3 2	-	F	S	S	75	3	c	5,240	+ .9	7-12-57	52	25	Yr 6 gpm. Fm 10 gpm.
2lacb-2 2ldab-1	Gardner Bros.	17	J	75.1 175 80	2	-	F	D	-	1	-	C -	5,246	+ 1.2	7-17-57	53	70 30	
21dbb-1 21dcc-1	Gerdner Bros. Louis Koester Est.	1898	J	85 189	3 2	-	F	N N	-	-	-	- 00	5,242	+ 2.3	7-17-57	51	25 45	Fm 2 gpm. Fm 9 gpm.
22aab-2	Ralph Henrie	23	J	75.5	3	-	F	S,I	-	-	-	C	5,235	+ 2.0	7-16-57		125	wells. Fm 50 gp
22abb=3	do	00	J	78.1	2	^	F	S,I	-	-	-	C	5,234	+ 4.2	7-16-57		90	One of 2 similar wells. Fm 10 gp
22aca=1 22baa=1	Sarah Heppler J. L. Davis	19	J	70 70	3	-	F	Î	-	-	-	C	-	-	:	53 52	95 70	Fe 60 gpm.
22bab-1	do do	13	J	78	3	-	F	s,I	-	-	-	C	5,235	+ 3.7	7=16=57	-	25	One of 2 similar wells. Fm 43 gp
22bac-1	do	16	J	70	-	-	F	S,I	-	-	-	С	-	-	-	52	180	One of 2 similar wells. Fm 20 gp
22bbb=1	John Stewart	15	J	73.9	3 4	-	14 14	I	-	-	-	C	5,239	+ 1.0	7-15-57	53 52	50 30	Fm 9 gpm. One of 4 wells.
22bbc-1	do	1895	J	84	4	-	1	1		-		-				16	30	Combined Fe 70 g

Table 1.--Records of selected wells and test holes in parts of Sampete, Sevier, and Piute Counties, Utah - Continued

		P	=	7	vell	sing	11ft	L C	_ 8	incip			4 e 🗇		level	(°F)		
Well number	Owner or user	Year drilled (19 )	Type of well	Depth of well (feet)	Diameter of (inches)	Depth of casi (feet)	Method of 1	Use of water	Character of material	Depth to top (feet)	Thickness (feet)	Occurrence	Altitude of land-surface datum (feet)	Above (+) or below (-) land-surface datum (feet)	Date of measurement	Temperature	Chloride (ppm)	Remarks and other available data
(C-23-2) 22bcc-5	John Stewart	15	J	84	4	-	F	s,I	-	-	-	c	5,240	+ 1.5	7-12-57	52	50	One of 5 wells. Combined Fm 130
22bdb-1	F. W. Cowley	14	J	65	2	-	F	S,I	-	-	-	С	5,236	+ 2.6	7-16-57	52	130	gpm. One of 2 wells. Fm 20 gpm.
22bdc-1 22cbb-1 22cbd-1 22ccc-1	Rodney Cowley I. W. Oldroyd do George Rickenbach	14 18 18	1555	65 80 80 65	4½ 3 3	:	Pr 91 Pr 91	S,I S,I S	:	-	-	0000	5,239 5,241 5,241	+ 2.4 + .4 + 2.3	7-12-57 7-12-57 7-10-57	-	125 85 120 95	Fm 30 gpm. Fm 12 gpm. Fe 1 gpm.
22ccc-2 22cdd-1 22daa-1	do do Venice Pumping Company	25 21 19	J	65 65 60	3 3 3	:	Pr Pr	S,I S,I I	:	-	-	000	5,240	+ 2.4	7-10-57	-	85 130	Pm 20 gpm. Fm 12.5 gpm. Fm 20 gpm. Fm 33 gpm.
22das-2 22dab-1 22dcc-1 22dcc-2	do do George Rickenbach Joseph Rickenbach	19 19 10 45	J J Dr	60 60 101.6 181	3 3 6	181	Pr Pr Pr	I S,I S,I	5 6	72	33	0000	5,235 5,234 5,239	+ 5.4 + 4.7 + 2.2	7- 9-57 7- 9-57 7-10-57	53	130 230 100	Fm 5 gpm. Fm 7.5 gpm. Fe 5 gpm. Fe 50 gpm. Perf. at 72 ft. L.
23bcc-3 23bdb-1	Venice Pumping Company do	19	J -	61.6	3 12	:	F C,F	I	G - -	175	6	CC	5,235	+ 6.8	7- 1-57 2-25-58	54	110 260	Fm 50 gpm. Developed spring. Fe 50 gpm. Yr
26bcb-1 26bcc-1 26cab-1 26cba-2 26cca-1	Verdon Oldroyd Barvey Sorenson H. E. Beilesen Floyd Neilson Cloyd Thorsen	05 29 16	J Dr J	60 55 45	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	:	PPPP	S S,I D,I S,I S,I				00000	5,246	+ .7 + 8.0 + 7.4	10- 2-56 6-21-57 6-19-57	52	80 70 70 60 55	Fe 1 gpm. Fm 3.3 gpm. Fe 10 gpm. Fm 6.6 gpm.
26ccb-2 26cdb-1 27bcs-1 27bcc-2 27bds-1 27ccd-1	do Nettie Johnson Roy Buchanan George Peterson Roy Buchanan Jim Johnson	16 34 1895 00 05 34	JJJDrJJ	45 63 81 82.0 65.0 63.4	34 2 2 2 4	48	PPFF	8,I 8,0 8,I D,S,0 S,I,0 S,I,0	0	46	2	000000	5,251 5,241 5,240 5,237	+ 3.4 + 4.2 + 3.3 + 7.9	8-29-56 8-10-56 9- 7-56 6-20-57	55 54 54	60 70 50 34 120 105	Fm 10 gpm. Fe 6 gpm. L, W. Fm 2.5 gpm. Fm 12 gpm. A. Fe 2 gpm. W. Fe 0.5 gpm.
27cda-1 27cdb-1 27cdc-1 27cdd-1 27cdd-1	M. D. Thorsen do J. H. Payne H. E. Heilesen Loren Paul	16 16 1895 00	277777	46.2 39.2 64 43.4	FNNNN		FFFF	S S S,I N				0000	5,235 5,236 5,238	+15.3	6-20-57	53 53	78 78 85 80 125	Fe 1 gpm. Fe 0.2 gpm. Fm 0.5 gpm. Fe 1 gpm. Fn 100 gpm.
27dad-4 27dcd-1 28acb-1 28acd-1 28add-1	Emeron Hendrickson Rickenbach Lee Wilson Henry Peterson do	57 01 18 11 1890 09	11111	47 38.3 75 68.8 85.1	2 2 2 2		PPP	1 8,1 8,1 8,1				000000	5,237	+ 9.9	6-21-57	53 52 52 52	70 90 80 65 80	Fm 1 gpm. Fe 2 gpm. Fm 4.6 gpm. Fm 10 gpm. Fm 1.2 gpm.
28bad-1 28bbc-1 28bca-4	Cloyd Anderton J. W. Orrock Utah Fish and Game Commission	02 05 04	2 2 2 2	67.6 56.2 74.7	334	:	FFF	I N S				0000	5,243	+ 1.3	6-13-57 6-17-57 6-18-57	51	120 55 125	Fm 1.5 gpm. Fm 15 gpm. Fe 0.5 gpm. Used for water fowl. Fm 37.5 gpm. Similar wel
28bcc-2 28bcd-1 28bda-1 28bdd-5	Maurice Cowley Marion Seegmiller Est. Cloyd Anderton	55 20 46 01	J J J	190 158 189 85	2 2 2	:	F,C	D,S,I D,S,I	s,G	100	80	0000	:	+ 3	1955	52	25 30 95 85	400 ft northwest Fr 15 gpm. Fm 5.5 gpm.
28bdd-8	do					-		S,I		-	-							Combined Fe 20
28cab-1	Marion Seegmiller	52 16	Dr J	76	6	74	F	I,0	G -	74	2	C	5,244	+ 1.0	10- 1-56 6-13-57	51	76 55	Fr 62 gpm. A, L, W. Fm 3 gpm.
28dcc=1 29aba=1 29acb=2	S. D. Peterson Est. Wayne Sorenson do	54 56 -	Dr Dr	95.0 196 71	4 3	:	P N P	SSI	0,8	54	40	000		+ 1.8 - 3.7 + 1.5	6-12-57 6- 7-57 8-24-56	53	85 110 25	Fm 15 gpm.  One of 8 wells.  Combined Fm 252 gpm.
29ada-2 29adc-3 29bac-1	Clarence Snow Ervin Willden L. M. Beal	56 54 51	Dr J Dr	75 62 200	1½ 2 4	200	F C C	S,I D,S,I S	- G	190	10	000	:	+ 2.5	3-14-58	52 51 54	35 50	B 30 gpm. Dd 18
29bbc-1 29bdc-1 29cab-1	Owen Ogden Wayne Sorenson N. J. Holt	54 05 57	Dr Dr Dr	106 84 63	4 4 2	=	N C F	D,S,I D,S S	G,S	59	47	000		- 7.2 + .5 + 2.3	6- 7-57 8- 7-56 6-21-57	53	30	B 12 gpm. Dd 44 f
29cbc-1 29ccb-1 29cdb-1 29cdc-1 29dac-1	Wayne Sorenson Charles Beutler Wayne Sorenson do C. Seegmiller	55 55 05 1890 12	Dr Dr Dr J	65.0 83.5 60 65	3 2 4		FFFF	S,0 S,I S,I I S,I				00000	5,252	+ 1.1 + 3.2 + 2.3 + 1.9	9- 7-56 6-12-57 5-17-57 6- 6-57	54 53 51 51	30 25 150 123 115	W. Fe 30 gpm. Fm 10 gpm. Fm 6 gpm. One of 4 wells. Combined Fm 72
30acd-1	Ervin Jensen	55	J	84	2	84	С	s	s,c	60	24	С	-		-	-	20	gpm. Yr 3 gpm. Log: clay 0-60 ft, sand and gravel
30baa-2	Lazone Bagley	56	J	75	2	75	F	s,0	G	70	5	С	5,290	+ 8.0	9-27-56	57	25	60-84 ft. Fr 8 gpm. Log: clay 0-70 ft, gravel 70-75 ft.
30bac-1 30bda-1	P. C. Peterson Keith Peterson	56 54	J	84 91	2 2	:	F	s	G	90	1	CC	:	+ 4	1954	57 57	25 30	W. Fm 1.1 gpm. Yr 4 gpm. Dd 1 ft Log: clay 0-60 ft, hardpan 60-9 ft, gravel 90-91 ft.

		pay	well	well	well	eine	lift	rer	8.	quifer		90	of st)	Water		(ab)		
Well number	Owner or user	Year drilled (19 )	Type of we	Depth of we (feet)	Diameter of w	Depth of casing (feet)	Method of 1	Use of wat	Character of	Depth to top (feet)	Thickness (feet)	Occurrence	Altitude of land-surface datum (feet)	Above (+) or below (-) land-surface datum (feet)	Date of measurement	Temperature	Chloride (ppm)	Remarks and other available data
(C-23-2) 30bdd-1	Dewey Sampson	49	J	63	2		F	S	G	58	5	C					20	Fr 6 gpm.
30cad-1 30cad-2	Harvey Nielson Charles Beutler	54	J	93	2	-	C	SS	0 s,0	60 63	30	CC		- 6.3	1954 1956		30	Yr 45 gpm. Log: clay 0-63 ft, sand and gravel 63-93 ft.
30cba-1 30dad-1 30dad-2	go go	05 54	Dr Dr	70 80 69	4	-	N N F	S N S	- G	- 59 67	- 3	CCC		-13.0 + 3	6- 5-57	55 54	30 30	Fr 54 gpm.
30dbd-1 30dcd-1 30dcd-2 30dda-1 31aab-1 31aac-4	do Adrian Peterson Arthur Wilson A. Jessen Est. F. B. Christensen Vermillion Canal Company	15 54 54 00 29 29	Dr J Dr J Dr	60 63 60 66.7 65	3 2 3 2 4 4	63	FPFFF	S S,I S,O S,I I	0 1 0 1 1 1	60	3	000000	5,254 5,254 5,252	+ .1 + 1.9 2 - + 1.5	6- 5-57 6- 4-57 8- 7-56 - 5-22-57	54 53 50	30 20 - 25 35 115	Fe 1 gpm. Fm 4 gpm. Fm 10 gpm. Fe 2 gpm. One of 7 wells.
3labb-2 3lacc-1 3lacd-1 3ladc-1 3ladc-1 3lbab-1 3lbbc-1	Alvin Helquist Max White do do do W. R. Mineer F. M. Wall	54 1892 1889 05 1898 54 54	Dr J Dr Dr Dr	78.3 83 71.0 60.6 75 86.7	6180444	78 - - - 86	FFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFF	S D,S,I S,I S,I S	G · · · · · · · · · · · · · · · · · · ·	76 - - - - 82 60	2 - 3	0000000	5,253	+ 4 + 2.286	1954 - 5-27-57 5-15-57 5-21-57	52 51 50 51 - 54 50	35 133 73 128 40 65	Combined Fm 243 gpm. Fm 0.5 gpm. Fm 0.4 gpm. Fe 25 gpm. Fm 5 gpm. Fm 30 gpm. Fm 30 gpm. Log: clay 0-60 ft
31bbd-1	do	56	J	63.0	2		F	S				c	_	- 2.0	5-21-57		_	sand and gravel 60-71 ft.
31bca-1 31bcd-3 31bcd-3 31cda-1 31daa-3 31dba-1 31dcb-2 31dcb-2 31dcb-3	D. Ogden Oerth Ogden de Barmel Peterson Max White de Oerth Ogden Outpet	56 26 16 1892 02 16 16 59	J Dr Dr J Dr Dr Dr	62.4 - 59.6 49.9 70 66.9 63 225 764.0	2004434004	584		S,I S,I S,I S,I S,I S,I I S,I,O	3,G G G S,G S,G S,G S,G S,G	20 185 249 315 368 428 476 640	72 60 31 12 49 18 94 18	0000000000	5,258 5,252 5,252 5,254 5,254 5,254 5,254	+ .4 + 3.0 + 3.4 + .9 + 2.6 + 3.6 + 5.3	5-23-57 5-21-57 5-22-57 5-22-57 5-27-57 9- 6-56 9-28-59	50 51	70  125 63 80  70 63 48	Pm 2 gpm. Pm 9.4 gpm. Pm 30 gym. Pm 30 gym. Pm 75 gym. Pm 43 gym. Pe 40 gym. Pm 9.4 gpm. Pm 9.4 gpm. Pm 9.4 gpm. His Pm 115 gym. 4-inch casing. Perf. 206-271, 504 ft. A, L, W.
32aab-2	Marion Seegmiller Est.	1899	Dr	66.8	3	-	F	I	0,8 G	706	9 -	c	5,248	+ 2.0	5-17-57	52	63	One of 2 wells.
32aac-1	do	1899	Dr	65	3	-	F	I	-	-	-	C	5,248	+ 1.7	5-13-57	51	70	one of 16 wells. Combined Fm 355
32bad-1	Christian Larsen	15	Dr	65.1	la	-	P	s,I	-	-	-	c	5,249	+ 2.0	5-16-57	-	58	one of 2 wells. Combined Fe 30
32bba-1 32bcd-1	Harvey Nielson Vermillion Canal Company	1890	J Dr	69.0 63.3	12	-	P	s,ī ī	-	-		CC	5,251	+ 2.1	5-17-57	51 51	135 70	gpm. Fe 5 gpm. Fm 37.5 gpm. Flor into river abov
32båd-l	Christian Larsen	01	Dr	70.2	3	-	F	s,I	-	-	-	c	5 249	+ 1.8	5-14-57	51	80	canal diversion One of 3 wells. Combined Fm 67.
32cbc-2	Vermillion Canal Company	27	Dr	69	14		F	I	-	-	-	c	5,253	+ 1.7	5-17-57	50	60	gpm. One of 3 wells. Combined Fm
32cbd=1 32dca=1	do R. J. Rickenbach	00 54	Dr	71.1 67.2	14 14	67	F	I S,I	Ĝ	64	3	CC	-	+ 3.9	5~14-57	51	50	133.3 gpm. Fm 6.7 gpm. Fm 20 gpm. Log: clay 0-64 ft,
33baa-1 34ab-1 34aba-1 34aba-2 34baa-2 34baa-3 34bab-1 34bad-1	Dan Peterson do Elmer Sorensen Lafayette Petersen Elmer Sorensen Clayborn Hendrickson do Jim Johnson Leo Peterson	16 21 00 00 00 28 28 12 56	Dr Dr J J J J J	64.0 63.2 50 50 50 46.3 - 50.4 63	3 3 2 2 2 3 3 3 2 2			S,I S,I,O S,I,O S,I,S,I S,I				000000000	5,247 5,248 5,249 5,247 5,247 5,245	+ 1.4 + 1.9 + 6.6 + 8.5 + 8.2	5- 9-57 5- 9-57 9- 7-56 5- 9-57 5-13-57 5- 8-57	52 52 53 52 52	48 48 90 70 80 	gravel 64-67 ft Pm 12 gpm. Pm 10 gpm. Pm 0.2 gpm. Pm 0.2 gpm. Pm 0.5 gpm. A, W. Pm 0.5 gpm. Pm 15 gpm. Pm 15 gpm. Pm 13 gpm. Pm 14 gpm at point 1.0 ft below land sur- face.
34bbd-1	J. W. Anderson	45	Dr	146	5	146	F	S	G G S,G	48 101 115	47 5 31	c	-	+ 3.0	5- 9-57	53	95	Fe 20 gpm. Perf. 48-146 ft. L.
(C-23-3) 25bab-1	City of Richfield	60	Dr	781.0	8 6	0=249 249-463	T	P	G G	212 332 420	58 66 42	U	5,374	-73.8	6-20-60	61	24	Perf. 212-270, 332-398, 420- 462 ft. A.
25cac-1	U.S. Geological Survey	60	Dr	800	6	-	H	N	0,8	74	29	U	5,300	-14.0	4-25-60	-	-	TH 3. Uncased, plugged. L.

		70	vell	vell	vel1	ate	11ft	L L		incip	r		to of		level	(ok)	- 3	
Well number	Owner or user	Year drilled (19 )	Type of ve	Depth of we (feet)	Dismeter of (inches)	Depth of casing (feet)	Method of 1:	Use of water	Character of material	Depth to top (feet)	Thickness (feet)	Occurrence	Altitude of land-surface datum (feet)	Above (+) or below (-) land-surface datum (feet)	Date of measurement	Temperature	Chloride (ppm)	Remarks and other available data
C-23-3) 26ccc-1	Rulon Lind	49	Dr	200	6	125	T	1,0	Sh	192	8	u	5,435	-120.6	10-17-56	-		L.
36aab-1 36aac-1	Clarence Howes Intermountain Packing Company	55	Dr Dr	90 268	5	268	C	5,0 D	G	263	5	CC	-	-12.3 -16.1	7-16-56	-	55 75	Yr 25 gpm. L.
36abd-1 36bdd-1	Radio Station KSVC Reed Poulson	59 55	J	253 76	2	253	C	D S	s,c	252 58	18	C	:	-14.2 -11.6	8-31-59 7-23-56		:	Ye 20 gpm. A. Yr 3 gpm. Log: clay 0-58 ft, sand 58-68 ft,
36dbd-1	do	54	J	63	2	63	P	s	G	60	3	c	-	+ .4	4-24-57	-	-	gravel 68-76 ft Fr 6 gpm. Log: clay 0-60 ft.
36dca-1	Leo Poulson	51	J	63	2	63	F	8	0	55	8	С	-	+ 1.7	7-23-56	54	-	gravel 60-63 ft Fr 5 gpm. Log: clay 0-55 ft,
36dda-1	City of Richfield	55	Dr	420	6	0-340 340-420	C,F	D	G,S	380	40	C	-	+ 2	1955	52	-	gravel 55-63 ft Fr 92 gpm. Perf. 380-420 ft. L.
5abc-1 5bcc-2 5bcc-3 5bcc-4	G. W. Thurston Byron Hawley do do	55 16 16 16	Dr Dr Dr	66.1 65.4 76.7 68.4	4 4 4	:	PPP	S,I S,I I	G -	62	4	00000	5,257	+ 1.7 + .1 + .6 + 1.2	4-19-57 5- 6-57 5- 6-57 5- 6-57	50	45	Fr 30 gpm. Fm 20 gpm. Fm 4.3 gpm. Fm 13.5 gpm.
5bec-5	do	53	Dr	285	8	285	7	I	G	175	110		-	+ .2	7- 9-59	54	-	Ye 20 gpm. Perf. 125-285 ft.
5cad-1	U.S. Geological Survey	59	Dr	585.0	6	•	N	N	0,8 0,8 0,8 0,8	52 128 212 302 326	66 16 78 12 32	C	5,258	0	9-22-59	-	-	TE 2. Uncased, plugged. L.
5ccb-1	K. E. Roberts	20	Dr	64.4	3	-	y	S,I	G,S	374 486	96	C	5,257	+ 1.3	4-19-57	51	45	Fm 15 gpm.
5ccc-2 5ccc-2 6abc-1	do do do Vernon Erickson	20 20 20 52	Dr Dr Dr	60.4 61.4 64.6 323	3 3 12	323	PF	8,I 8,I 8,I 8,I	- G G	225 273	20 27	0000	5,257 5,257 5,257	+ 1.1 + 1.2 + 1.1 + 3.6	4-19-57 4-19-57 4-19-57 10-31-56	51	45	Fm 15 gpm. Fm 25 gpm. Fe 5 gpm. Fm 120 gpm. Perf 225-245, 273-30
6bbd-1	Frank Santos	51	Dr	540	16 8	0-335 335-535	F	ı	0 8,G 0 0	320 178 218 325 347 376 416	3 14 82 10 18 36 14	С	-	-	-	58	-	ft. A, L. Well in bottom or reservoir. Deep ened from 335 f to 540 ft, 1957 Fr 500 gpm. Per 178-192, 218-30 325-530 ft. L.
6ebc-1 6cdd-1	Bryant Young Torrey Gleave	55	Dr	63 65	4	:	F	s,I	0	530	10	C	:	+ 2.8	4-23-57 4-23-57	50	48	325-530 ft. L. Fm 10 gpm. Fe 1 gpm.
7aba-1 7add-1	Byron Hawley Royal Barney	30	Dr J	63.2 65	3 2	:	P	8,I 8,I	:	:	:	CC	5,260	+ 1.0	4-17-57	52 50	47	Fm 15 gpm. Fe O.1 gpm when drilled.
7bac-1 7bac-2 7bbc-1 7bbc-2 7bbc-3	R. and J. A. Hooper do E. C. Nebecker do	11 16 18 18	J J Dr Dr	68 131 63 65 63	3347	68	PPP	0 8 8				0000000	5,263 5,262 5,262 5,262	4 - 2.5 5 6	10-12-35 9-19-56 4- 5-57 4- 5-57 4- 5-57	52	:	Flows at times. Formerly flowed. Do.
7bbc-4 7das-1	J. B. Staker	18	Dr	63 60.5	3 2	:	P	S S,I	:	-	-	000	5,262	8	4- 5-57	-	:	Do. Do.
Sacb-1 Sbbb-1 Sbbb-2	E. K. Roberts W. B. Daniels	17	J	71.1 68.3 64.8	3	:	7	8,1	:	:	:	CC	5,261	- 3.1	4-16-57	52	40	Do. Fm 2.5 gpm. W. Fm 0.8 gpm.
8bbb-3 8bcd-1	do do Lloyd Gleave	19 19 30	J	67 40	3 3 2	:	P	8,I 8 8,0	:	-	-	000	5,259	+ .3	9-25-56		:	Plugged.
6bdd-1	Richard Brown	1890	J	60	12	-	P	S,I	-	-	-	c	5,258	- 2.2	4-15-57	53	50	Fm 0.4 gpm at point 3.0 ft below land sur- face.
8cad-2 8cca-1 17bbb-1	do Wilford Barney Willis Spafford	26 26	J J Dr	48 59.1	2	90	P	8,1	:	89	1	000	5,258 5,262	+ 1.4	4-15-57 4-15-57	- 5h	63	Fm 0.2 gpm.
-24-3)	Willis Sparrord	55	Dr	90	4	90	-	S,D,I	G	09	1	C	-	+ 3	1955	54	-	Yr 64 gpm. Dd 10 ft. L.
laad-l	Charles Anderton	49	J	63	2	63	7	I	G	50	13	c	-	+ 2.5	4-11-57	50	80	Fm 10 gpm. Log: clay 0-50 ft, gravel 50-63 ft
laba-1 laba-2 labb-1 lacc-1 lbcd-1	John Anderton John Magleby Devey Sampson Larue Ogden	26 51 54 28	J Dr J	60 120 81 223.1	2 4 2 3	81	7 7 7 7 7	8,I D,S,I S 8	3,G G	58 78	52	00000	5,259	+ 1.3 + 1.1 2 - 1.0	4-24-57 4-11-57 4-11-57 4-11-57 4-11-57	50 51 54	68 60 -	Pm 8 gpm. Pm 9 gpm. Yr 4.4 gpm.
lcad-1 2cds-1	do Verl Ogden	00 54	3 3	80 63	3 2	:	PC	8 8,0	- 0	58	- 5	000	5,280	-10.1	9-19-56	49	115	Yr 2.5 gpm. Dd 2
2ddd-1 3daa-1	do W. T. Ogden	54 56	J Dr	63 108	2 4	:	C	8,0 D,8	ō	106	2	c	5,270	- 3.2	9-19-56 1956		74 25	ft. A, W. Yr 6 gpm. Log: sand and rocks O-85 ft, clay a

Table 1.--Records of selected wells and test holes in parts of Sanpete, Sevier, and Piute Counties, Utah - Continued

		lled (	well	well	well	casing)	11ft	13	8	incip	r		of t)		level	Jo)		
Well number	Owner or user	Year drill (19)	Type of we	Depth of we (feet)	Dismeter of (inches)	Depth of ca (feet)	Method of 1	Use of wat	Character of material	Depth to top	Thickness (feet)	Occurrence	Altitude of land-surface datum (feet)	Above (+) or below (-) land-surface datum (feet)	Date of measurement	Temperature	Chloride (ppm)	Remarks and other available data
C-24-3) 3dad-1	Verl Ogden	55	J	146	2		N	S	G	_	_	U		-35.0	4-10-57			
10sab-1 10bcc-1 11sad-1 11bds-1	Sharf Summer Lewis Hansen P. C. Peterson Conrad Hansen	54 57 42	Dr Dr J Dr	83 154 229 237	4 4 2 4	237	P J N P	D S,0 S	Cg G,S	110	44	2000		-35.0 -54.5 -116.2 -13.4 -22.0	7-24-57 9-19-56 5- 4-57 4- 8-57	- 54	35 30	Yr 5.5 gpm. W. B 5 gpm. Dd 1 ft. Perf. 230-235 ft
11dbc-1 11ddd-1 12bca-1 12bcd-1 12bda-1	Leo Helquist Walter Christensen Delbert Ence do G. and O. J. Christensen	55 19 46 29 55	J Dr J Dr	78 190 176 62 375	2 3 2 3 12	370	P P F N C	S S S I,S	s,G s,G	60 170 245	18 - 6 - 45 50	00000	5,276	-16 -10.3 - 2.6 5 - 2.6	1955 4- 5-57 3-28-57 4- 8-57 3-28-57		45 90 -	L. Yr 2.5 gpm. Fr 4 gpm. Ym 1,350 gpm. Dd
									G	320	50							92.5 ft. Perf. 245-290, 320-370 ft. A.
12cab=1	Conrad Hansen	15	Dr	70	3	-	N	N	-	-	-	C	5 267	5	4- 8-57	-	-	Plugged below 4.
12cba-1	Glen Howes	21	Dr	-	3	-	N	N	-	-	-	C	5,266	- 1.0	4- 9-57	-	-	Plugged below 16 ft.
13acc-1	L. A. Nebecker	57	Dr	148	14	148	С	S	G,S	8	140	U	-	- 8.0	4- 8-57	52	37	Yr 35 gpm. Dd 7 ft. Log: sand as clay 0-8 ft, san and gravel 8-144 ft.
13bbc-1	E. P. Anderson	47	Dr	210	5	-	C	s	G	204	6	С	-	- 6	1947	53	-	Yr 30 gpm. Dd 7
15adb-1	Emeron Christenson	46	Dr	382	6		T	s	s,G	365	17	U	-	-60	1946	54	35	ft. Yr 30 gpm. Dd 2
22dbb-1	C. P. Christiansen	46	Dr	130	5	130	J	8,0	S,G	79	51	U	5,346	-64.9	7-16-57	53	38	ft. Yr 10 gpm. Dd 3
23bad-1	Central Ward, LDS Church	46	Dr	115	8	115	Т	1,0	G	85	30	U	5,299	-23.3	7-11-56	53	-	ft. Yr 100 gpm. Dd 1 ft. Perf.87-115
23bad-2	U.S. Geological Survey	60	Dr	431.0	6	-	N	N	G	48	126	U	5,300	-25.5	5-16-60	-	-	ft. L, W. TH 7. Uncased, plugged. L.
26cbb-1 27acc-1 27cbd-1	Jensen Erwin Staples Beehive Feed and Supply (Utah Food Products)	25 45 44	Dr Dr Dr	75 83 100	5 to 1	83 100	P J T	S S O,Ind	G G G	416 77 40	15 -6 60	UUU	5,325 5.325	-17 -42.2 -33.2	1956 3-29-57 7-11-56	52	:	Yr 20 gpm. Dd 5 Yr 400 gpm. Log: clay 0-40 ft, gravel, large 4
27ccd-1	E. R. Jensen	44	Dr	70	5	70	J	S	s,o	5	65	U	-	-19.2	3-27-57	52	-	100 ft. Perf. 6 100 ft. W. Yr 20 gpm. Dd 6 ft. Log: soil 6 5 ft, sand and
27dad-1	Byron Staples	51	Dr	89.4	5	83	3	s	S.G	16	51	U	-	-22.8	3-29-57			gravel 5-65 ft. B 3 gpm. Dd 12 f
-,		1	-		10	188			S.G	67	16	U		-56.8	7-11-56	54	-	Perf. 168-188 ft
29ddb-1 32adc-2	Town of Elsinore L. H. Hansen	49	Dr	191 92	5	92	T -	P,O D,S,I	G G,B G	188	3	U	5,329	-33	1948	48	-	A, L, W. Well buried unde front lawn, Yr
					14	52	C	D.S	s.G	0	52	U	5,307	-25.4	3-20-57	52	49	gpm. Dd 5 ft. B 8 gpm. Dd 0.5
33add-2	E. J. Pope	55	Dr	52		76		1									77	ft. A. Well filled and
33dcb=1	P. E. Willardson	1898	Du	36	42	-	C	N	G	10	30	U	5,310	-23.7 -18.3	2-22-57		50	no longer in us
34bac-3 34bdc-1	Les Condor Elles Winget	00	Dn Dn	17.6 25	12	-	C	I	-	-	-	U	-	-10.3	- 22-31	- 51	-	Dry in summer of
34cbs-1 34cbs-1 34cbs-3 34dss-1 35bdb-1	Betsy Scovil John Barney Bert Jensen Elmer Scovil Rulon Roberts Peter Washburn	03 00 05 -	Do Do Do Do Do	23.1 22.5 60	12 12 12 12 12 12 12 12 12 12 12 12 12 1	:	PPPPN	N N N N				מטטטט	5,302	-20.0 -17.6 -24.1 -22.5 -20.1 -35.2	4-21-57 11-24-35 3-21-57 3-21-57 2-22-57 7-21-56			Casing pulled.
35bdd-1	J. D. Washburn	44	Dr Dr	116	14	112	N	0	Cg	112	4	C	5,323	-43.3	7-21-56	59	-	Yr 16 gpm. Dd 2 ft. L, W.
5ccd-2	J. A. Hanson A. R. Hanson	56 46	Dr Dr	86 107	4 6	86	J	S D,S	S,0 S,0	74 63	12	U	-	-74 -54	1956 1946	59 53	25 28	B 5 gpm. B 20 gpm. Dd 2 f
5dab-1 5dcd-2	C. Anderton Melvin Hansen	28 46	Du Dr	72 92	36 5	-	J	D,S	G S,G	61	31	U	1	-49.0 -52	2-14-57 1946	53	28	B 20 gpm. Dd 6 f
6cbc-1 6dcd-1 8bab-1	Brooklyn Canal Company Arnold Barney H. C. Olson	00 46 42	J Dr Dr	26 109 100	2 6 4 3	0-84 84-100	F T J	I D S,O	S,G S,G	72 77	37 7	CUU	5,345	-64 -72.4	1946 7-23-56	53 57	:	A. One of 10 wells. B 25 gpm. Dd 3 f B 5 gpm. Dd 0 ft Perf. 84-100 ft
8bac-1 28cad-1	F. S. Torgensen Elrod Woodbury	46 44	Dr Dr	129 137	6 5	129 137	J	D,S D,S,	S,G S,G	80 84	49 53	U	5,445	-73 -124.6	1946 7-21-56	53 54	30 10	L, W. B 24 gpm. Dd 4 f B 20 gpm. Dd 7 f A. L. W.
28dbc-1 29ddb-1	Forrest Hunt U.S. Geological Survey	51 60	Dr Dr	150 431.0	6	150	T	I,O D,S,I N	S,G G	125 418	25 13	U	5,472	-120	1951	55	-	A, L, W. B 15 gpm. Dd 10 TH 10. Uncased, plugged. L.
C-25-4) lada-1	D. C. Anderson	48	Dr	87	5	87	J	D,S	G	80	7	U	5,383	-14.3	2-12-57	54	-	Yr 35 gpm. Dd 7 :

		111ed	well	ve11	well	astn	lift	water		quife	r	e e	of st)		level	(OF)		
Well number	Owner or user	Year dril	Type of w	Depth of w (feet)	Diameter of w	Depth of casing (feet)	Method of	Use of war	Character of material	Depth to top (feet)	Thickness (feet)	Occurrence	Altitude of land-surface datum (feet)	Above (+) or below (-) land-surface datum (feet)	Date of measurement	Temperature	Chloride (ppm)	Remarks and other available data
(C-25-4) llcac-1	R. G. Bradbury		Dr	39	3		N	0				U	5,412	-29.3	9-17-56			W.
llcdd-l	do	32	Dr	151	6	135	N	0	Cg	-	-	U	5,412	-28.3	3- 6-58	54	-	
12abd-1 13bdb-1	Ivan Mills Walter Wayland	36	Dr	25 70	36 5 5	1	-	D,S	S,G	40	30	U	5,444	-49.5	7-25-56	61	35	Yr 5 gpm. Dd 0 f Yr 5 gpm. Dd 3 f
13ebc-1	Edna Meacham	36	Dr	73		-	J	D,S,0	S,G	33	40	U	5,426	-41.2	7-23-56		-	W.
14add-1 22dca-1	Leon Taylor Aumery Hansen	36	Dr	65	5	:	P	D,S	S,G	18	47	U	5,463	+18	1936	67	1	Yr 5 gpm. Dd 2 f
27bab-1 28bcd-1	Philip Gilard J. L. Levi	36	Dr	93.1 89 144.6	5	96	TP	0 8	S,G Cg	36 81	53	U	5,478	-63.0 -79.9	9-19-56	58	-	W. Yr 25 gpm. Dd 20
29cdd-1	do	39	Dr	91	5	,	J	D,S	Cg	26	65	U		-74	1939	58		ft. Yr 8 gpm. Log:
2,500-2		37	2.					2,0		20				-17	2939	,		loose gravel 0- 26 ft, clay brown, hard (Sevier River Fm) 26-91 ft.
29ddc-1 32aba-2	Doyle McInelly Philip Gilbert	39 38	Dr	109 64.3	6 to 4	20 65	J	D	Cg Cg	79	30 64	U	5,616	-72.6 -54.2	7-23-56	58	45	Yr 4 gpm. A. Yr 10 gpm. W.
	raitip dimert	30	DE	04.3	0 00 4	0)	DA	0	CR	^	04	0	2,293	-74.2	2- 0-51	21	-	ir to gpm. w.
(C-25-4½) 32acc-1	E. R. Miller	54	Dr	120	6	-	-	D,S,I	G	118	2	U	-	-50	1954	-	-	Location outside map boundary. B 50 gpm. Dd 5 ft.
33cbc+1	T. R. Harps	40	Dr	114.0	5		С	D		-	-	U	-	-24.1	2- 7-57	-	17	Location outside map boundary. Reported to yie hard water when water level is low.
35caa-1 36dab-1	G. H. Morhouse Radford	34	Dr	46 72	6 5	-	J	D,S D,S,I	G	64	- 8	Ū	0	-21	1946	52	25	B 20 gpm. Dd 5 f
C-26-4)	B. T. Diantana	c.	2	100	6	100		0	w(n)				c 900	12.2				
29bbs-1	B. J. Dieringer	54	Dr				H		A(1)	95	5	U	5,800	-13.3	8- 2-56	53	15	Yr 5 gpm. Dd 10 ft. A, L, W.
29bba=2	do	57	Du	15	48	15	C	D	G	12	3	U	-	-12	1957	-	18	Yr 30 gpm. Dd 0 ft.
D-20-1) 3labd-1	Salina-Gunnison Airport	47	Dr	128	6	128	J	0,0	s,G	124	4	U	5,148	-48.7	3=22=56	-	-	Well drilled to 100 ft, 1947; deepened, 1948, to 128 ft. Yr 3 gpm. Dd 20 ft.
3lass-1	U.S. Geological Survey	59	Dr	414.0	6	-	N	M	g s,g g,s	51 142 272	6 12 7	U	5,140	-58.0	1059		-	L, W. TH 16. Uncased, plugged. L.
D-21-1) 6cda-1	Erma Hales	49	Dr	160	la	160	21	s,0	-			c	5,105	- 2.8	8-15-56		425	w.
19bbc-2	Lowell Murphy	54	Dr	41	14	-	J	8,0	S,G	30	11	U	5,137	-13.5	8-16-56	52	-	Yr 8 gpm. Dd 2.5
3lcac-l	Marion Jorgensen	49	Dr	80	6	-	C	D	G	25 74	6	U		+20	1949	-	-	B 30 gpm. Dd 12 ft. Casing now filled with dir
D-22-2) 15aac-1	Salina Irrigation Company	53	Dr	2,000	12	2,000	N	I	Sa	425	275	С	-	+90.1	3-31-57	66	-	Gas exploration hole. Fe 675 gpt Cased 0-2,000 f plugged below 6 ft. Perf. at 42 and 600 ft. A.
							Piut	e Count	ty									
C-26-4) 29dcm-1	Ken Boover	16	Dr	29.4	5 to 2	-	J	D	S	-	-	U	5,700	-13.8	1-24-57	-	10	Well in basement of house. Yr 10
C-27-3) 7ddd-1	Chris Gregerson	55	Dr	75	6	-	N	0	8,0	45	30	u	5,850	-28.1	8- 2-56	-		B 15 gpm. Dd 10
18dab-1	Glenn Prince	48	Dr	114	5	110	3	D,S,0	G	80	34	U		-36.2	8- 5-56	52	5	ft. W. B 25 gpm.
20cbd-1 20dab-1	Otho Howes Alumite Corporation	30	Du Du	25	48x48 40x66	1	N	N	G	-	-	U	-	- 2.3	1-18-57	-	-	Dry. Developed spring
29aaa-1	do	39	Dr	342	6	172	F	N	Ss	217	125	C	-	+ 1.6	1-18-57	44	-	Fe 5 gpm. Yr 60 gpm. Dd 9.5 ft.
32add-1	J. C. Lay	43	Dr	150	5 4	0-92 92-150	P	8,0	S,0 S,0	71 146	2	U	5,900	-45.1	8- 5-56	59	-	B 5 gpm. Perf. 63-92, 130-150 ft. L. W.
		42	Dr	54	3	_	P	1	0	42	12	U	-	+17.1	1-17-57	56		Yr 4 gpm. Dd 11 :
C-28-3) 5bab-1 5bbb-1	George Brocks C. B. Staheli	48	Dr	110	6	-	3	D,S	G	01	43	U	-	+19	1948	54	6	Yr 32 gpm. Dd 13
5bab-1				110 45.6 65	6 4½ 54X54	-	PP	D,S O	G -	-	43	U	6,050	-40.0 -49.7	1948 1-17-57 8- 2-56	54	6	Yr 32 gpm. Dd 13 ft. W. Well dry Jan.195

		<b>"</b> CI	7	-	well	casing (	lift	la		incip			of t)	Water	level	(OF)		
Well number	Owner or user	Year drilled (19)	Type of well	Depth of well (feet)	Diameter of w	Depth of cas (feet)	Method of 11	Use of water	Character of material	Depth to top (feet)	Thickness (feet)	Occurrence	ltitude od-surfa tum (fee	Above (+) or below (-) land-surface datum (feet)	Date of measurement	Temperature	Chloride (ppm)	Remarks and other available data
(c-28-3)																		
8ddb-1	Fred Swalberg	42	Dr	190	4	177		D	Ls	177	13	U	-	-160	1942	57	5	B 5 gpm. Dd 0 ft.
16aad-1	do Pitta Bros.	34	Du	16.6	30X30	-	N	N	-	-	-	-	-			-	-	Dry.
16ddb=1 22bbc=1	Phil Rosequist	52	Du	35.8	72X72 6 to 4	-	P	D,S	Cg	79	-	u u	-	-34.9	1-14-57		~	
22000-1	rnii kosequist	25	DI	90	0 00 4	-	.01	ט,ס	Cg	92	2	0	-	-57.0	1-14-57	- 1	-	Perf. 75-98 ft.
22bcc-l	R. W. Nickols	-	Du	38.5	48x48	-	N	N	- 08	76	-	-	-					Dry.
34ccd-1	Piute Irrigation Company	56	Dr	237	14	105	P	D	٧	204	-	C	-	-13.6	9-24-56	54	-	B 0.5 gpm. Dd 217
(c-29-3)																		
32caa-1	City Creek Irrigation and Reservoir Company	34	Dr	481	10	330	N	16	G,S G,S	130 186 400	46 24 15	U	-	-60	1934	-	-	Well filled with rubbish.
33bcc-1	W. S. Price	15	Du Dn	50	48 114	0-20 20-50	P	D,S	-	-	-	U	-	-40	1935	-	-	Used to irrigate lavo.
(c-30-3)																		
15bba-1	C. L. Jessen	20	Du	30	28	-	N	0	S,G	-	-	U	6,006	-15.7	9-11-56	-	-	Well dry winter 1957. W.
16bbb-1	U.S. Geological Survey	60	Dr	374.0	6	-	N	N	S,0 G,S	26 62	17 4 14	C	5,997	- 3.0	5-23-60	-	-	TH 21. Uncased, plugged. L.
16bbb-1	P. J. Jensen	48	Dr	420.2	6	407	С	D,0	G	400	7	С	6,000	-23.7	5-25-59	58	-	B 50 gpm. Dd 10 ft. A, L, W.

# Table 2.--Records of selected springs in parts of Sanpete, Sevier, and Piute Counties, Utah

Ocologic formation: Arapien Shake (Upper Jurassic); Craxy Holiow Formation of Spieker (Tertiary); Dry Holiow Formation (Fliocene (f)); Flagstaff Limestone (upper Paleocene and lower Eccene (f)); Green River Formation (Eccene).

Use of water: FM, fine Database; I, irrigation; N, none; P, power; PS, public supply.

Yield (gam, gallons per minute): E, estimated; N, measured; R, reported.

Gases: H<sub>S</sub>S, hydrogen sulfide; CO<sub>2</sub>, carbon dioxide; CH<sub>b</sub>, methane.

Depositer: N, none; T, tuffs.

Remarks: A, chemical analysis in table 5.

			Principa:	aquifer		(oF)						
Location	Owner or user	Name	Source	Nature of openings	Use of water	Temperature (o	Dependability	Improvements	Yield	Gases	Deposits	Remarks and other available data
				Sanpete Cou	nty							
(D-18-1) 19dab (D-19-2)	Town of Fayette	Fayette Spring	Flagstaff Limestone	Solution cavity in limestone	PS,I	64	G	Reservoir and headworks	M 1,900 Sept.1958	None	N	Α.
4daa	City of Gunnison	Peacock Spring	Green River Formation	Joints and fault fissure	PS	67	G	Headhouse, aerator,	R 450	H <sub>2</sub> S	T	At base of Wasatch mono cline, Yield reported
20444	Town of Centerfield	Spannard Spring	do	Joints	PS	55	G	reservoir Headhouse and pipeline	E 100 Aug.1957	None	N	by city of Gunnison. A In Arapien Valley at base of Wasatch mono- cline. A.
(D-20-1) 25aad	Willow Creek Irriga- tion Company	Mickelson Spring	Recent alluvium	Gravel at toe of alluvial fan	I	53	G	Ditch excavated to collect	M 500 Dec.1959	do	N	A.
				Sevier Coun	ty							
(C-21-1) 1la	Town of Redmond	Redmond Lake Spring	Recent alluvium	Contact of gravel with bedrock of Redwond Hills anticline	PS	66	G	Pump and head- house	M 6,000 Aug.1959	None	N	
20bcc	Town of Aurora	Mud Spring	do		PS	57	G	Headhouse and pipeline	R 12	do	N	Yield reported by town of Aurora.
(C-23-2) 12bbc	Rockyford Irrigation Company	Black Knoll Spring	do	Fault	I	54	G	Ditches exca- vated to collect water	E 5,000 Jan.1958	do	N	
25bdb	B. Anderson	Indian Creek Spring	Tertiary volcanic rocks overlying Arapien Shale	Formation contact	I	59	G	Earth dam reservoir	E 300 Apr.1959	do	N	
25cca	N. M. Malouf	Parcell Creek Spring	do	do	I	59	F	None	E 60 Apr.1959	do	N	
27ccd	Ford Fish Hatchery	Cove Spring	Recent alluvium in contact with Tertiary vol-	Fault contact	I,FH	56	G	Ditched to fish ponds		CO2 ?	N	After flowing through fish ponds, water used by Venice Canal Compan

Table 2.--Records of selected springs in parts of Sanpete, Sevier, and Piute Counties, Utah - Continued

			Principal	aquifer		(ab)	1					
Location	Owner or user	Name	Source	Nature of openings	Use of water	Temperature (°	Dependability	Improvements	Yield	Ganes	Deposits	Remarks and other available data
(C-23-2) 28dad	Ford Fish Hatchery	-	Recent alluvium in contact with Tertiary volcas- ic rocks	Fault contact	I,FH	57	G	Ditched to fish ponds	M 450 Sept.1959	None	N	After flowing through fish ponds, water used by Venice Canal Company Water is leakage from artesian aquifers in
28444	do		do	do	do	55	G	đo	E 1,400	do	N	Sevier Valley. A. Do.
36cbd	Town of Glenwood and State Fish Hatchery		Tertiary volcanic rocks overlying Arapien Shale	Formation contact	PS,P,	59	G	Headhouse	Sept.1959 R 4,500	đo	N	Yield reported by town of Glenwood. A.
(C-23-3) 26aca	City of Richfield	Richfield Spring	Recent alluvium in contact with Crazy Hollow Formation of Spieker	Pault contact	PS,I	68	G	Headhouse, pumps and reservoir	R 1,400	do	N	Yield reported by city of Richfield. A.
(C-24-2) 4cbd	Earl Ramey	Spring Hill Springs	Recent alluvium	Pault contact	I,FR	54	G	Ditches	R 4,500	CEL	N	Artesian springs along contact of alluvium with rubble on Sevier fault. Yield reported by owner.
(C-24-3) 24cca	Town of Central	Central Spring	đo	Seepage from landslide	PS	55	G	Concrete reservoir and pipeline	R 80	None	N	Yield reported by town of Central. A.
32bbb	Town of Joseph	Gooseberry Spring	Dry Hollow Form- ation (Tertiary volcanic rocks)	Joints and cracks	PS	52	G	Headworks and pipeline	R 60	đo	N	Beadworks collects flow from 4 small springs. Yield reported by town of Joseph. A.
(C-25-3) 10dda	-	Monroe Hot Springs	Tertiary volcanic rocks	Sevier fault	I	169	G	None	E 40 July 1957	do	T	One of numerous springs in area. Temperatures range from 80° to 180°F
25dca	Town of Monroe	Cold Spring	Tertiary volcapic rocks and Tertiary	Formation contact	PS	47	G	Beadworks and pipeline	-	do	×	Major source of public supply for town of Monroe. A.
34ccd	Mrs. Elrod Woodbury	Olsen Spring	intrusive rocks Recent alluvium	Valley fill near Sevier fault	N	64	7	None	B 14 Apr.1957	0021	T	Α.
(C-25-4) 23aac	South Bend Irriga- tion Company	Joseph Hot Springs	Tertiary volcanic rocks	Dry Wash fault	ı	147	0	None	E 100 July 1957	None	T	Flows directly into South Bend Canal. A.
(D-24-1) 18bcd	City of Seline	Little Lost Creek Spring	Dry Hollow Forma- tion (Tertiary volcasic rocks)	Joints and cracks	P8,1	53	G	Concrete tunnel, pipe- line, and headworks	R 1,100	đo	N	Spring outside map boundary. City of Salins entitled to 450 gpm; the remainder is used by Lost Creek Irrigation Company. Yield reported by city of Salina. A.
				Piute Cour	ty							
(C-27-3) 17deb	Sevier Valley Canal Company	Taylor Pond	Recept alluvium	Pault	I	54	G	Earth dam	R 1,800	Bone	N	Yield reported by owners
(C-27-4½) 36cca	Town of Maryavale	Big Spring	Tertiary volcapic rocks	Joints and cracks	PS	61	a	Headwork, pipe- lipe and reservoir	R 200	do	H	Spring outside map boundary, Yield reported by town of Marysvale, A.
(C-29-3) 16ccb	Piute Reservoir and Irrigation Company	Barnson Springs	Recent alluvium	Toe of City Creek fan	I	58	G	None	R 5,400	do	N	Flow issues from edge of Piute Reservoir. Acces- sible only at low-water stage. Yield reported by owner. A.
(C-29-4) 2lacc	Town of Junction	Sawmill Spring	Tertiary volcanic rocks	Joints and cracks	PS	55	G	Beadworks, pipeline, and reservoir	-	đo	H	

# Table 3.--Water levels and artesian pressures in observation wells in parts of Sanpete, Sevier, and Piute Counties, Utah

Mator levels in feet below land-surface datum are designated by a minus (.) sign immediately before the first entry in the table, and artesian measures above land-surface datum are designated similarly by a plus (a) sign. Where some measurements are above and others below land-surface datum, the readings between plus signs are above the plane of reference.

All measurements were made by the U.S. Geological Survey. Measurements preceeding the first listed measurement for some of the wells have been published in the following Water-Supply Papers of the Geological Survey:

Year 1936 1937 1938	Number 817 840 845	Year 1939 1940 1941	Number 886 910 940	Year 1942 1943 1944	Number 948 990 1020	Year 1945 1946 1947	Number 1027 1075 1100	Year 1948 1949 1950	11	tber Year 130 1951 160 1952 169 1953	Number 1195 1225 1269	Year 1954 1955	Number 1325 1408
						Sanpete	County						
(C-17-1)34bca-2 Sept. 17, 1958	+ 6.5	Sept. 30	le 1958-61 , 1959 + 8.	3 Toet.	26, 1960	+ 6.1	(C-19-1)12 May 27,	2dcc=1 1959	- Contin	Dec. 31, 195	9 -35.6	July 26,	1960 -36.0
Oct. 3	6.2	Oct. 28	7.		28	6.2	June 26	1939	35.4	Jan. 26, 196		Aug. 31	36.3
Nov. 4	6.0	Nov. 27	6.	9 Dec.	21	6.7	July 30		35.6	Feb. 29	35-7	Sept. 28	36.4
Nov. 28	6.4	Dec. 31	7.	l Jan.	26, 1961	6.2	Aug. 27		35.8	Mar. 28	35-7	Oct. 26	36.3
Dec. 31 Jan. 29, 1959	6.3 7.2	Jan. 26 Mar. 28	, 1960 7. 6.		23 21	6.3	Sept. 30 Oct. 28		35.9 35.8	Apr. 29 May 27	35.6 35.6	Nov. 28 Dec. 21	36.0 36.1
Mar. 27	6.8	Apr. 29	6.		26	6.5	Nov. 27		35.5	June 21	35.8	100. 21	30.1
Apr. 28	7.0	May 27	7.	0 May	23	6.1							
May 27 June 26	8.4	June 21 July 26	6.		26 25	6.6	(C-19-1)23 Jan. 3,	3bcc-1.	-32.1	Dec. 31, 195	35-55, 195 8 -35.6	7-62 Apr. 29,	1960 -36.3
July 28	8.3	Aug. 31	6.	2 Aug.	22	6.2	Feb. 4	1951	32.5	Jan. 29, 195	9 35.5	Sept. 28	36.7
Aug. 27	8.3	Sept. 28	6.		28	6.4	Feb. 28		32.9	Feb. 26	35.5	Oct. 26	36.6
	-		1050 50				Apr. 3		35.4	Mar. 27	35.5	Nov. 28	36.3
(C-18-1)3ccd-1. Sept. 15, 1958	+ 7.0	Jan. 29		5 Aug.	27. 1959	+ 8.5	May 3		36.8	Apr. 28 June 26	35.6	Dec. 21 Jan. 26,	36.2 1961 36.3
Oct. 3	6.3	Apr. 28	9.	6 Sept.	30	9.1		1958	35.8	Sept. 29	37-1	Feb. 23	37.4
Nov. 4	7.6	May 27	9.	B Oct.	28	9.4	Apr. 3		34.4	Oct. 28	38.3	Mar. 21	36.4
Nov. 28 Dec. 31	7.3	June 26 July 28	9.	Nov.	27 31	8.4	May 6 June 10		36.6	Nov. 27 . Dec. 31	35.5 35.4	Apr. 26 July 25	36.1
Dec. 31	1+3	July 20	7.	Dec.	31	0.4	Oct. 3		37.0	Jan. 26, 196		Sept. 28	38.3
(C-18-1)14ddd-1	. Record	is availab	le 1958-59				Nov. 4		36.1	Feb. 29	35.7	Apr. 3,	1962 36.4
Sept. 11, 1958 Oct. 3	+ 6.3	Feb. 26 Mar. 27			27, 1959	+ 8.0	Nov. 28		36.5	Mar. 28	35.8		
Nov. 4	6.2	Mar. 27 Apr. 28	6.	Sept.	30 28	8.2	(C-19-1)25	Sedd=5.	Record	s available 19	35-50, 195	6-59	
Nov. 28	6.6	May 27	8.	3 Nov.	27	7.2	Aug. 17,	1956	+ 1.3	June 26, 195	7 + 2.5	June 3,	1958 + 4.0
Dec. 31	6.7	June 26	8.	5 Dec.	31	7.0	Sept. 5		1.3	July 25	2.3	July 2 Aug. 5	2.6
Jan. 29, 1959	7.5	July 30	8.	0			Oct. 8		1.0	Sept. 3 Sept. 30	2.5	Aug. 5 Sept. 3	2.8
(C-18-1)22cdd-1	. Record	is availab	le 1956-60				Dec. 4		1.2	Nov. 6	2.8	Oct. 3	2.9
Aug. 23, 1956	-50.8	Feb. 4			27, 1959	-53.6	Jan. 3,	1957	1.2	Dec. 3	2.5	Nov. 4	2.8
Sept. 6 Oct. 8	50.9	Mar. 5	53		30 28	53.6	Feb. 1 Feb. 27		1.2	Jan. 2, 195 Feb. 4	8 2.3	Nov. 28 Dec. 31	2.7
Nov. 6	51.4	May 6	53.		27	53.6	Apr. 3		1.5	Mar. 5	2.1	Jan. 29,	
Dec. 4	51.3	June 3	53	9 Dec.	31	53.7	May 3		1.0	Apr. 3	2.0	Feb. 26	2.5
Jan. 4, 1957	51.5	July 2	53		26, 1960	53.7	May 31		2.2	May 6	2.5		
Feb. 4 Feb. 28	51.9	Aug. 5 Sept. 3	53	8 Feb. 6 Mar.	29	53.8 53.9	(C-19-1)25	sedd.6.	Record	s available 19	59-61		
Apr. 3	51.3	Oct. 3	53.		29	53.9	Mar. 27,	1959	+ 2.3	Feb. 29, 196	0 + 1.7	Dec. 21,	1960 + 1.3
May 3	52.5	Nov. 4	53		27	54.0	Apr. 28		2.0	Mar. 28	1.6	Jan. 26,	1961 1.3
June 3 June 28	52.7	Nov. 28 Dec. 31	53 · 53 ·	2 June 2 July	21	54.0	May 26 June 26		1.9	Apr. 29 May 27	1.3	Feb. 23 Mar. 21	1.3
June 26	52.8	Jan. 29	, 1959 53	2 Aug.	31	54.2	July 28		1.8	June 21	1.3	Apr. 26	1.3
Sept. 3	53.0	Feb. 26	53	2 Sept.	28	54.2	Aug. 27		1.5	July 26	1.4	May 23	1.2
Oct. 1	53.1	Mar. 27	53			54.2	Sept. 29 Oct. 28		1.6	Aug. 31 Sept. 28	1.4	June 26 July 25	1.2
Nov. 6 Dec. 3	53.4	Apr. 28 June 26	53 53		28	54.2	Oct. 28 Nov. 27		1.7	Sept. 28 Oct. 26	1.2	Aug. 22	.8
Jan. 2, 1958	53.4	July 28	53		67	24.4	Dec. 29		1.5	Nov. 28	1.5	Sept. 28	1.0
-				-			Jan. 26,	1960	1.5				
(C-18-1)25ddc-1	. Water-	level recor	rder installa	d Feb. O	1961, Art	oon and	(c-19-1)35	Sedd-1.	Record	is available 19	56-60		
	are ta	cen from r	ecorder graph	s. Record	is availabl	e 1959-	Aug. 16.	1956	-157.2	Feb. 4, 19	8 -168.9	June 26,	1959 -160.6
	62						Sept. 6		157.4 157.8	Mar. 5 Apr. 3	168.9 163.2	July 28 Aug. 27	160.6 160.6
Oct. 28, 1959 Nov. 27	+ 4.0	Feb. 28 Mar. 31	, 1961 + 5		29, 1961 30	+ 4.5	Nov. 6		158.0	May 6	161.2	Sept. 29	160.3
Aug. 31, 1960	4.5	Apr. 26	4.	7 Dec.		5.2	Dec. 4		158.2	June 3	162.8	Oct. 28	160.2
Sept. 28	4.4	May 23	la.		31, 1962	6.0	Jan. 4,	1957	158.7	July 2	164.2	Nov. 27 Dec. 29	160.3
Oct. 26	4.5	June 26 July 25	4. 4	1 Feb. 4 Apr.	9	5.6	Feb. 4 Feb. 27		157.9	Sept. 3 Oct. 3	159.8	Jan. 26,	
Nov. 20 Dec. 21	5.1	Aug. 22	14.		. 27	4.3	Apr. 3		158.5	Nov. 4	161.1	Feb. 29	160.7
Feb. 23, 1961	5.5	Sept. 28	4.	5			May 3		159.4	Nov. 28	163.1	Mar. 28	160.8
4	_						June 3 June 28		159.6	Dec. 31 Jan. 29, 19		Apr. 29	161.0
(C-18-1)35acc-1 Aug. 23, 1956	- 7.0	Sept. 3		2 Aug.	5, 1958	- 4.1	July 26		159.9	Feb. 26	159.9	Sept. 28	160.3
Sept. 6	7.1	Oct. 1	5	5 Sept.		6.0	Sept. 3		160.0	Mar. 27	160.1	Oct. 26	160.9
Oct. 8	7.2	Nov. 6	. 4.		3	6.4	Sept. 30	1958	160.3	Apr. 28 May 26	160.3	Nov. 28 Dec. 21	162.0
Nov. 6	7.0	Dec. 3 Jan. 2	, 1958 3		28	4.2		-				200. 22	2041
Dec. 4 Jan. 4, 1957	5.5	Feb. 4	, 1990 3	3 Dec.	31	3.1	(C-20-1)1	2mac-1.	Recor	ds available 1	58-60	-	
Feb. 26	5.7	Mar. 5	3	7 Jan.	29, 1959	3.4	May 20,	1958	- 9.8	July 28, 19	9 -12.9	Apr. 29, May 27	1960 -12.4
Apr. 3	5.7 5.8	Apr. 3 May 6	14 14		26 27	3.1	Nov. 4 Nov. 28		11.7	Aug. 27 Sept. 29	13.6	May 27 June 21	12.8
May 3 June 3	3.6	May 6 June 6		4 Apr.	28	5.3	Dec. 31		11.7	Oct. 28	13.1	July 26	13.5
June 28	2.3	July 2		8 May	27	5.2	Jan. 29,	1959	11.7	Nov. 27	12.6	Aug. 31	14.0
July 26	3.5						Feb. 26		11.5	Dec. 29 Jan. 26, 19	12.5	Sept. 28 Oct. 26	13.5
(0.10.1)266-3	Record	n eve(leb)	e 1958-59				Mar. 25 Apr. 28		11.8	Feb. 29	12.3	Nov. 28	13.2
(C-19-1)3bbc-1. June 19, 1958	-87.0	Dec. 31	. 1958 -87		28, 1959	-88.0	May 26		11.4	Mar. 28	12.2	Dec. 21	13.0
July 2	87.4	Jan. 29	, 1959 87	8 Aug.	27	88.1	June 26		12.1				
Aug. 5	89.0	Feb. 26 Mar. 27	87 87			88.0	(D-18-1)3	Obcd=1	. Recor	ds available l	956-61		
Sept. 3 Oct. 3	87.2	Apr. 28		2 Nov.	27	87.6	Sept. 18.	1956	+ 0.8	June 28, 19	57 + 1.3	May 6	1958 + 2.0
Nov. 4	87.0	May 27	87	4 Dec.	31	87.4	Oct. 8		.9	July 26	1.2	June 3 July 2	2.2
Nov. 28	86.9	June 26		8			Nov. 6		1.0	Oct. 1 Nov. 6	1.2	Aug. 5	1.7
(C-19-1)12dcc-1	Recon	da availah	le 1958-60				Jan. 4,	1957	1.2	Dec. 3	1.5	Sept. 3	1.7
June 10, 1958	-35.2	Oct. 3	. 1958 -35		29, 1959	-35.4	Feb. 28		1.6	Jan. 2, 19	8 1.8	Oct. 3	1.7
July 2	34.8	Nov. 4	35	1 Feb.	26	35.4	Apr. 3 May 3		1.5	Feb. 4 Mar. 5	2.2	Nov. 4 Nov. 28	2.0
Aug. 5 Sept. 3	35.1	Nov. 28 Dec. 31		2 Mar. 2 Apr.	27 28	35.4	May 3 June 3		1.3	Apr. 3	2.3	Dec. 31	2.1
Sept. 3	37.1	200. 31	3)	1		-	11			1		1	

Table 3.--Water levels and artesian pressures in observation wells in parts of Sanpete, Sevier, and Piute Counties, Utah - Continued

(D-18-1)30bcd-1	- Contin	ued							- Continu				
Jan. 29, 1959 Peb. 26 Mar. 27 Apr. 28 May 27 June 26 July 30 Aug. 27 Sept. 30 Oct. 28	+ 2.5 2.6 3.4 2.3 2.0 1.9 1.4 1.3 1.3	Jan. 26 Feb. 29 Mar. 26 Apr. 29 May 27 June 21 July 26 Aug. 31 Sept. 26	9 8 9 7 1 6 1 8	+ 2.0 2.0 2.1 2.0 1.7 1.7 1.3 .8	Nov. Dec. Jan. Peb. Mar. Apr. May June July Aug.	28, 1960 21 26, 1961 23 21 26 23 26 25 22	1.2 1.3 1.2 1.5 1.4 1.2 .9 .7	Aug. 27, 1959 Sept. 29 Oct. 28 Nov. 27 Dec. 29 Jan. 26, 1960 Feb. 29 Apr. 29 May 27	-24.6 25.6 26.3 27.1 27.8 28.4 29.1 29.8 28.9	June 21, 1960 July 26 Aug. 31 Sept. 27 Oct. 26 Nov. 28 Dec. 21 Jan. 26, 1961	-28.8 27.2 27.6 28.3 29.0 29.5 29.5 29.9 30.4	Feb. 23, 1961 Mar. 21 Apr. 26 May 23 June 26 July 25 Aug. 22 Sept. 28	-30.7 30.9 30.4 29.3 29.2 30.0 30.7
Nov. 27	1.6	Oct. 26			Sept.	28	-7	(D-20-1)9acc-1. July 23, 1956	Records	Sept. 3, 1957	-41.9	Oct. 3, 1958	-25.8
(D-19-1)22dca-1. July 25, 1958 Mov. 4 Mov. 28 Dec. 31 Jan. 29, 1959 Feb. 26 Mar. 27 Apr. 28 May 27 June 26 Aug. 27 Sept. 30	Record -11.0 12.3 12.9 13.5 13.9 14.5 14.9 14.0 14.4 15.1 14.9	s availab Oct. 26 Nov. 27 Dec. 31 Jan. 26 Feb. 29 Mar. 26 Apr. 29 May 27 June 21 July 26 Aug. 31 Sept. 28	7 1 6, 1960 9 9 7 1	-15.4 15.9 15.7 15.7 15.7 16.2 15.8 15.8 15.8	Oct. Nov. Dec. Jan. Peb. Mar. Apr. May June July Aug. Sept.	26, 1960 28 21 26, 1961 23 21 24 23 26 25 25 22 28	-16.4 16.6 15.9 16.0 16.6 16.5 16.2 15.7 16.2 15.7	Sept. 5 Oct. 5 Nov. 6 Dec. 4 Jan. 3, 1957 Feb. 1 Peb. 27 Apr. 3 Apr. 3 Apr. 3 June 26 July 25	42.0 42.5 43.1 43.6 43.8 44.1 44.5 44.9 45.3 45.2	Sept. 30 Nov. 6 Dec. 3 Jan. 2, 1958 Peb. 4 Mar. 5 Apr. 3 Apr. 3 July 2 Aug. 5 Sept. 3	41.7 41.2 41.1 40.0 39.4 39.6 38.2 36.8 27.3 25.0 26.2 26.0	Nov. 4 Nov. 28 Dec. 31 Jan. 29, 1959 Feb. 26 Mar. 25 May 26 Aug. 27 Sept. 29 Oct. 28 Nov. 27 Dec. 29	26.8 26.5 27.0 27.7 28.6 24.9 23.2 30.1 31.2 32.1 32.3 33.3
(D-19-1)3lasc-3.			le 1956-5	0				(D-20-1)17dcc-1 Aug. 22, 1956	-23.2	s available 1956 Nov. 6, 1957	-59	Nov. 28, 1958	-18.8
Aug. 16, 1956 Sept. 5 Oct. 8 Nov. 6 Dec. 4 Jan. 3, 1957 Feb. 1 Peb. 27 Apr. 3 May 3 May 31 June 26 Sept. 3	-15.0 15.6 16.6 17.2 17.5 17.8 18.1 18.0 18.2 18.5 17.1 13.2 8.2	Nov. 6 Dec. 3	5, 1957 3 2, 1958 4 5 5 6 6 6 7 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	- 8.6 10.0 11.7 13.2 14.0 14.6 13.7 8.3 6.3 5.1 5.7 6.5	Dec. Jan. Feb. Mar. Apr. Hay June July Aug. Sept. Oct. Nov. Dec.	31, 1958 29, 1959 26 25 28 26 26 28 27 29 28 27	-11.5 12.9 13.5 14.2 14.1 13.7 13.2 13.5 14.5 15.1 15.2 15.8	Sept. 5 Oct. 5 Nov. 6 Dec. 4 Feb. 1, 1957 Feb. 27 Apr. 30 May 31 June 26 July 25 Sept. 3 Sept. 3	23.5 24.1 24.6 25.0 25.5 25.9 26.4 23.3 21.2 20.6 21.0	Dec. 3 Jan. 2, 1958 Feb. k Mar. 5 Apr. 3 Muly 6 July 2 Aug. 5 Sept. 3 Oct. 3 Nov. 4	20.9 21.7 21.5 23.1 22.9 22.5 18.6 17.7 15.9 17.7 17.6 18.6	Dec. 31 Jan. 29, 1959 Peb. 26 Mar. 25 Apr. 28 May 26 June 26 June 26 Aug. 27 Sept. 29 Oct. 28 Mov. 27 Dec. 29	19.2 19.6 20.0 20.3 19.6 19.2 19.2 20.6 21.2 21.5 21.8 21.9
Sept. 30	7.7	Nov. 28		9.0	200.		20-1	(D-20-1)20acc-2. Mar. 12, 1958	-39.0	s available 1935 June 26, 1959	-55, 195i	8-62 Sept. 27, 1960	-38.8
(D-20-1)4mbc-1. Aug. 23, 1956 Sept. 5 Oct. 8 Mov. 6 Dec. 4 Jan. 3, 1957 Feb. 1 Feb. 27 Apr. 3 May 31 June 26 July 25 Sept. 30 Sept. 30	Records -37.5 37.7 38.8 39.3 39.5 39.5 39.5 39.5 39.5 39.5 39.5	Feb. 4 Mar. 5 Apr. 3 Apr. 3 June 3 July 2 Aug. 5 Sept. 3 Oct. 3 Nov. 4 Nov. 28 Dec. 31 Jan. 29 Feb. 26 Mar. 25	) 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	-37.1 37.5 37.7 37.4 34.1 30.9 31.3 32.5 33.6 34.8 35.4 36.0 36.5	Feb. Mar. Apr. May June July Aug. Sept.	27, 1959 29 28 27 29 26, 1960 29 28 29 27 21 26 31 27 26	-37-5 37-7 38.0 38.2 38.3 38.5 38.9 39.0 39.1 38.6 38.2 37.9 38.5	Apr. 3 May 6 June 3 July 2 Aug. 5 Sept. 3 Oct. 3 Nov. 4 Nov. 28 Dec. 31 Jun. 29, 1959 Peb. 26 Mar. 25 Apr. 28 May 26	39.4 39.8 36.8 35.6 35.6 35.5 35.5 35.7 35.7 36.1 36.2 36.3	July 26 Aug. 27 Sept. 29 Oct. 28 Mov. 27 Dec. 29 Jan. 26, 1960 Peb. 29 Mar. 26 Apr. 29 Apr. 29 May 27 June 21 July 26 Aug. 31	36.5 36.7 36.9 37.3 37.5 37.8 38.1 38.5 38.4 38.5	Oct. 26 Nov. 28 Dec. 21 Jam. 26, 1961 Peb. 23 Mar. 21 Apr. 26 May 23 June 26 July 25 Aug. 22 Sept. 28 Apr. 3, 1962 Sept. 27	39.1 39.3 39.4 39.5 40.2 40.4 40.3 40.7 40.9 40.9 41.0 42.1 38.6
Nov. 6 Dec. 3	34.9	Apr. 28 May 26	5	37.5	Nov.	28	39.0	(D-20-1)28dbb-1. Sept. 5, 1956	-112.9	Jan. 2, 1958	-114.5	Sept. 29, 1959	-106.5
Jan. 2, 1958  (D-20-1)5bbd-1. Aug. 22, 1956 Sept. 5 Oct. 6 Nov. 6 Dec. k Jan. 3, 1957 Feb. 1 Feb. 27 Apr. 3 May 31 June 26	36.7  Records -27.2 27.3 28.4 28.8 29.5 30.0 30.4 30.5 30.6 31.0 30.5 28.9	July 28	le 1939-50 5, 1957 3, 1958	37.0 , 1956- -22.7 19.5 17.7 18.0 19.4 21.1 23.0 24.2 25.3 25.3 25.4 20.2	Aug. Sept. Oct. Nov. Nov. Dec. Jan. Feb. Mar. Apr. June July	5, 1958 3 3 4 28 31 29, 1959 26 25 28	-13.3 12.9 13.9 15.6 17.3 17.0 21.6 22.9 24.0 24.7 23.4 23.5	Oct. 5 Nov. 6 Dec. 4 Jun. 3, 1957 Peb. 1 Peb. 27 Apr. 2 Apr. 30 May 31 July 25 Sept. 3 Sept. 30 Nov. 6 Dec. 3	113.2 113.6 113.8 114.1 114.5 114.9 115.4 115.2 116.1 116.0 116.1 115.8 115.2 115.0	Mar. 5 Apr. 3 July 2 Aug. 5 Sept. 3 Oct. 3 Bov. 4 Bov. 28 Peb. 26, 1959 Mar. 25 May 26 July 28 Aug. 27	115.2 114.2 113.9 113.7 111.7 110.5 108.4 108.5 108.8 107.9 106.8 106.3 106.3	Oct. 28 Nov. 27 Jun. 26, 1960 Feb. 29 Mar. 26 Apr. 29 May 27 June 21 July 26 Aug. 31 Sept. 27 Oct. 26 Nov. 26 Nov. 28	106.7 107.0 107.0 107.1 107.2 107.6 107.5 107.5 107.7 108.0 108.3 109.6 109.3
(C-20-1)25dcd-1.	Records	Nov. 28	le 1958-5	9			Sevier	(C-21-1)lcds-1 -	Continu	ed			
Apr. 9, 1958 May 6 June 3 July 2 Aug. 5 Sept. 3	- 8.4 6.9 6.2 6.8 7.2 7.1	Nov. 28 Dec. 31 Jan. 29 Feb. 26 Mar. 25 Apr. 28	, 1959	7.3 7.8 7.9 8.4	June July Aug. Sept. Oct. Nov.	26, 1959 28 27 29 28 27	- 6.2 6.9 7.2 7.2 6.9 7.5	Jan. 26, 1960 Feb. 29 Mar. 28 Apr. 28 (C-21-1)2bbd-1.	- 8.3 8.6 8.5 7.8	May 27, 1960 June 21 July 26 Aug. 31 available 1956~	- 5.9 6.3 6.9 7.7	Sept. 27, 1960 Oct. 26 Nov. 28 Dec. 22	- 7.6 7.2 7.7 8.2
Oct. 3 Nov. 4	6.4	May 26		6.8	Dec.	29	7.8	Aug. 15, 1956 Sept. 5	-51.4 51.9	Jan. 2, 1958 Peb. 4	-54.9 54.0	Apr. 28, 1959 May 26	-49.7 50.7
C-21-1)cda-1. Sept. 5, 1956 Oct. 5 Rov. 6 Dec. 4 Jan. 3, 1957 Peb. 1 Peb. 27 Apr. 30 Apr. 30 May 31 July 26 Aug. 30	Records - 7.2 6.9 7.5 7.8 8.0 8.4 8.5 8.9 8.1 6.3 6.2 6.4	Sept. 30 Nov. 6 Dec. 3	, 1958	7.0 7.4 7.6 8.0 8.3 8.5 7.1 5.6 5.9 6.5	Dec. Jan. Peb. Mar. July Aug. Sept.	5, 1958 28 30 29, 1959 26 25 28 27 29 28 27 29	- 7.2 7.4 6.0 8.2 8.5 6.5 6.9 7.0 8.0	Oct. 5 Nov. 6 Dec. 4, 1957 Peb. 27 Apr. 2 Apr. 30 May 31 June 26 July 25 Sept. 3 Sept. 30 Nov. 2 Dec. 3	52.5 53.1 53.5 54.0 55.0 55.5 56.3 56.5 56.7 56.9 57.1 57.0	Mar. 5 Apr. 3 May 6 June 3 July 2 Aug. 5 Sept. 3 Oct. 3 Hov. 4 Bov. 26 Dec. 30 Jan. 29, 1959 Feb. 26 Mar. 25	53.7 53.3 53.4 53.1 52.3 51.8 51.4 51.6 50.3 49.9 50.0 49.1	June 26 July 28 Aug. 27 Sept. 29 Sept. 29 June 26, 1960 Mar. 26 Apr. 28 May 27 June 21 July 26 Aug. 31 Sept. 27	50.7 51.4 51.9 52.4 52.4 52.9 53.3 54.1 54.6 55.0 55.8 56.4 56.7

Table 3 .-- Water levels and artesian pressures in observation wells in parts of Sanpete. Sevier, and Piute Counties, Utah - Continued

Sevier County - Continued Cc-21-1)2bbd-1 - Continued Oct. 26, 1960 -57.1 Nov. 28, 1960 -57.4 Dec. 22, 1960 - Continued -56.3 Dec 56.7 Dec 56.7 Jan (C-22-1)18ccd-1 Nov. 5, 1957 1, 1958 -53.8 54.4 54.8 29, 1959 25, 1960 -56.1 56.2 56.2 56.0 Dec. Jan. 1958 Jan. 29, 1959 25 28 28 Peb. Feb. Mar. 56.8 54.9 55.1 56.0 29 27 27 29 Sept. 9.2 Mar. Apr. May June 55.8 56.1 56.3 May June July Oct. Nov. Dec. Apr. May Apr. May 9.2 June 29 July 28 Aug. 26 Sept. 29 Oct. 27 3, 1957 55.5 55.6 July 26 Aug. 31 Sept. 27 26, 29 28 28 28 June 54.5 8.5 Jan. 8.1 Feb. 7.8 Mar. 9.3 Apr. 9.1 9.3 9.7 9.6 54.5 Feb. Aug 1960 July Sept. Aug. 56.9 Apr. Oct. Nov. Sept. Oct. Oct. Nov. 26 Nov. 28 9.4 8.6 8.4 8.8 27 May Nov. Nov. 56.0 Dec. 22 56.9 Dec. Jan. 30 29, 1959 June July (C-22-1)20acc-1. Aug. 9, 1956 Sept. 5 Oct. 5 Nov. 5 Records available 1956-60 -43.9 Nov. 5, 1957 -40.1 44.2 Dec. 3 40.3 44.4 Jan. 2, 1958 40.9 Aug. Sept. 30 Feb. 27 Mar. 25 Apr. 28 Aug. Sept. 31 27 Aug. Sept. 26, 1959 -43.1 9.3 Sept. 27 9.0 Oct. 26 10.8 Nov. 28 10.1 Dec. 22 29 Apr. 28 May 26 June 26 July 28 Oct. Nov. 27 43.5 8.4 2, 1958 Dec. 3 Jan. 3, 1957 Feb. 1 44.6 44.8 45.1 43.6 Mar. 42.1 Dec. 29 Feb July Aug. Oct. Jan. 25, 1960 28 Apr. (C-21-1)14bdb-1. Aug. 15, 1956 Sept. 5 May 6, 1958 -Feb. 28 45.1 45.3 45.4 Nov. 5 Dec. 30 May June July Recor 7.5 Jan. 7.3 Feb. 7.8 Mar. 8.1 May 7.4 June 7.1 July 7.6 Sept. 7.6 Oct. 7.4 Nov. 7.4 Dec. 7.4 Jan. 40.5 27 44.4 Jan. 26, Feb. 29 Mar. 28 Apr. 28 20 30 31 26 44.5 May Apr. Jan. 29, 1959 Feb. 27 Mar. 25 Apr. 30 May 26 July 25 Aug. 30 Sept. 27 Nov. 28 Apr. 40.7 Oct. Nov. May 44.5 Aug. June 43.1 Sept. July 25 Aug. 30 44.0 Nov. 28 Dec. 22 Dec. 42.1 3, 1957 42.4 43.1 9.0 Sept. 30 Feb. Nov. 26 42.3 31 (C-22-2)25dbc-1. Aug. 13, 1956 Oct. 5 Nov. 5 Dec. 30 Jan. 29, 1959 Feb. 26 Mar. 25 Apr. 28 Records available 1956-60
-36.8 Mar. 5, 1958 -36.3
37.3 Apr. 2
37.4 May 6 34.2
38.5 June 3 32.1 Aug. 26, 1959 Sept. 21 Oct. 27 Nov. 25 -34.5 May June July 26 25 Nov. Dec. 34.7 38.7 38.3 May June 26 7.4 8.3 8.5 Feb. 23 Mar. 21 8.7 Jan. 3, 1957 July Dec. 29 Feb. 1 Feb. 27 Aug. 1960 July 28 37.9 36.7 36.2 Feb. 25 Mar. 28 Apr. 28 36.4 Apr. Sept. 8.5 Apr. 26 8.6 May 23 8.5 June 26 7.8 July 25 8.1 Aug. 22 8.2 Sept. 28 Dec. Jan. Aug. 27 Sept. 29 30.7 Apr. Oct. 2, 1958 Apr. 30 May 31 June 26 Nov. Feb. Oct. Nov. 28 27 Dec. 34.0 May 23 Dec. 30 Jan. 28, 1959 Mar. July 25 Aug. 30 Sept. 30 July 25 Aug. 30 Sept. 27 Apr. Dec. 29 9.1 34.9 35.3 36.5 36.9 Feb. 27 Mar. 25 34.2 Records available 1958-59
-180.0 Nov. 5, 1958 -168.1 June 26, 172.1 Nov. 28 169.9 July 28 172.2 Dec. 30 171.9 Aug. 26 172.3 Jan. 29, 1959 168.6 Sept. 29 (C-21-1)16dbc-1. Mar. 19, 1958 Nov. 5 Dec. 3 Jan. 2, 1958 Feb. 4 Apr. May Oct. 25 Nov. 28 36.4 Apr. 170.4 169.5 169.6 May June 36.2 June 29 July 28 Dec. 22 36.8 169.0 Oct. 27 169.4 Nov. 25 169.5 Dec. 29 169.9 Feb. 27 Mar. 25 169.1 Aug. 169.2 (C-23-2)lbdc-1. Records available 1956-59 30, Sept. 13, 1956 Oct. 5 Nov. 5 Sept. Oct. Apr. May 5, 1957 30 26 Nov. Dec. Jan. 0 27 (C-21-1)27aad-1. Records available 1935-62 Aug. 9, 1956 - 7.9 June 3, 1958 -Sept. 5 8.1 July 2 Dec. Feb. Mar. 5.7 Apr. 28, 6.6 May 27 6.6 June 21 1960 Jan. 3, 1957 1.0 30 Aug. Sept. Oct. Apr. May June July Aug. 6.6 Feb. May 6.6 Feb. 28 1.6 June 29 July Nov. Oct. July Apr. 1.2 5.9 5.9 6.2 6.2 Aug. 31 Sept. 27 Apr. May 30 Aug. 26 Sept. 21 3, 1957 Jan. Nov. 28 Nov. 20 Dec. 30 Jan. 29, 1959 Peb. 27 Apr. 28 June 26 July 25 Aug. 30 Peb. Oct. Sept. Oct. .8 Oct. 27 Nov. 25 Dec. 29 Nov. Nov. 5.9 6.3 6.4 Dec. 22 Jan. 26, 1961 .9 Sept. 30 Dec. 31 26 25 May June 26 Feb. 23 (C-23-2)9baa-1. Jan. 31, 1958 Mar. 5 Apr. 2 available 1958-60 Jan. 28, 1959 -Mar. Apr. Records -25.3 25.1 -21.2 25, 1960 -24.6 July Aug. 20 Sept. 29 Oct. 27 7.3 7.4 6.7 6.8 7.2 27 24 30 6.7 June 26 6.7 July 25 6.8 Aug. 22 7.2 Sept. 28 6.9 Apr. 3, 1962 6.7 Sept. 27 May 23 Feb. 21.6 Feb. 25 28 28 24.9 25.1 25.4 May June July Apr. May June 22.4 Nov. 25.2 Apr. May 26 June 29 July 28 22.8 23 25.5 Dec. 29 Jan. 26, 1960 Feb. 29 Mar. 28 2, 1958 22.7 Aug. Sept. 21.7 23.3 23.6 24.0 July 25 25.5 25.6 26.0 Aug. 26 Sept. 28 Oct. 27 Nov. 25 Dec. 29 Aug. 30 Sept. 27 Apr. May 21.0 20.9 24.2 Oct. Nov. 26.2 (C-21-1)27bbb-1. Aug. 8, 1956 s available 1956-60 Feb. 4, 1958 -Apr. 3 May 6 Dec. -85.7 Sept. 84.0 Oct. 82.4 24.6 Dec. 26.3 Aug. Sept. Oct. Apr. May July 84.5 84.6 Nov. 84.6 Dec. 25 81.2 81.4 81.6 (C-23-2)10bdd-1 July 25, 1956 Sept. 6 Oct. 8 ds available 1956-60 Feb. 3, 1958 -12.8 Mar. 5 12.9 Apr. 2 12.8 May 5 14.2 Nov. -13.7 13.8 13.1 12.5 June 29, July 28 Jan. Feb. 85.6 Aug. Sept. 83.6 Jan. 26, 82.7 Mar. 28 82.0 Apr. 28 1960 81.3 14.9 Oct. Nov. Apr. 86.2 Oct. Nov. 81.0 May June 82.6 Nov. 14.3 29 25, 25, 28 28 Nov. 28 June July 13.5 Dec. Jan. 12.6 May 86.4 1957 86.4 Jan. Feb. 29, 1959 27 80.4 July Aug. 26 Jan. 84.2 Feb. Aug. Sept. Feb. 12.9 Feb. 27 25 30 26 28 Aug. 30 Sept. 30 Mar. Apr. 81.2 Sept. 81.7 Oct. 82.1 Nov. 26 28 84.7 85.0 85.1 Apr. Oct. Apr. 23 14.4 May July 14.3 Dec. 22 June Dec. Dec. 29 Jan. 28, 1959 July 25 14.5 Records available 1956-60 -56.9 Jan. 3, 1957 -5 57.2 Feb. 1 57.4 Feb. 28 Aug. 14.6 July (C-22-1)18ccd-1 -57.2 May 31, 57.0 June 26 56.8 July 24 56.8 Aug. 30 56.9 Sept. 30 -56.6 Aug. 30 Sept. 30 14.2 Feb. 27 11.4 Sept. 27 Aug. 13, 1956 Sept. 5 Oct. 5 Nov. 5 -56.9 57.2 57.4 57.4 Mar. 24 Apr. 30 May 26 Oct. 25 Nov. 25 13.9 55.9 55.9 56.2 Nov. Dec. 22 Apr. 2 Apr. 30 Dec. 30 12.7

Table 3.--Water levels and artesian pressures in observation wells in parts of Sampete, Sevier, and Piute Counties, Utah - Continued

(C-23-2)14aaa-1	. Recor	ds available 195	6-60	Se	vier Coun	ty - Continued (C-23-2)27bda-1	. Record	is available 1936	ho 1054	6-61	
Aug. 8, 1956	+ 2.7	Feb. 3, 1958	+ 4.0 July 2	7, 1959	+ 3.4	Sept. 7, 1956	+ 3.3	May 5, 1958	+ 3.7	Jan. 25, 1960	+ 5.2
Sept. 7 Oct. 8	2.6	Mar. 5 Apr. 2	4.1 Aug. 2 4.2 Sept. 2	6	3.3	Sept. 25 Oct. 29	3.4	June 2 July 1	3.9	Feb. 25 Mar. 28	4.9
Nov. 5	3.0	May 5	3.2 Oct. 2	7	3.9	Nov. 5	4.1	Aug. 1	3.9	Apr. 28	3.7
Dec. 4	3.4	June 2	3.8 Nov. 2	3	4.3	Dec. 3	4.7	Sept. 4	4.0	May 23	3.4
Jan. 3, 1957 Jan. 31	3.3	July 1 Aug. 1	3.7 Dec. 2 4.2 Jan. 2	9 5, 1960	4.2	Jan. 2, 1957 Jan. 31	4.8 h 7	Oct. 2 Nov. 3	4.2	June 21 July 25	3.3
Feb. 28	3.4	Sept. 4	4.3 Feb. 2	5	4.1	Feb. 28	4.7	Dec. 1	4.7	Aug. 30	3.2
Apr. 4	3.1	Oct. 2	5.1 Mar. 2	8	3.9	Apr. 2	4.5	Dec. 29	4.8	Sept. 27	3.6
Apr. 30 May 31	2.8	Nov. 3 Dec. 1	5.2 Apr. 2 5.4 May 2	8	3.0	Apr. 29 May 29	3.8	Jan. 28, 1959 Feb. 27	4.8	Oct. 25 Nov. 25	3.9
June 26	3.0	Dec. 29	5.2 June 2	1	3.0	June 25	3.7	Mar. 24	4.9	Dec. 22	4.7
July 25	3.1	Jan. 28, 1959	5.1 July 2	5	2.9	July 24	3.6	Apr. 30	4.4	Jan. 26, 1961	4.9
Aug. 30 Sept. 30	3.2	Feb. 27 Mar. 24	4.1 Aug. 3 4.9 Sept. 2	0	3.2	Aug. 28 Sept. 27	3.8	May 25 June 25	3.8	Feb. 23 Mar. 21	5.0
Nov. 5	4.0	Apr. 30	4.0 Oct. 2	5	3.4	Nov. 5	5.0	July 27	3.5	Apr. 25	4.7
	3.9	May 26	3.6 Nov. 2	5	3.9	Dec. 2	5.2	Aug. 26	3-5	May 22	3.3
Dec. 30	4.1	June 29	3.6 Dec. 2	2	3.8	Dec. 30 Feb. 3, 1958	5.0	Sept. 24 Oct. 27	4.2	June 26 July 25	3.1
(C-23-2)15dcb-4	Recor	Oct. 2, 1958 Nov. 3	5-49, 1951-62			Mar. 6	5.0	Nov. 23	5.2	Aug. 22	3.3
Mar. 21, 1956 Dec. 5	+ 6.2	Oct. 2, 1958 Nov. 3	+ 4.7 Apr. 2 6.0 May 2	8, 1960	+ 2.9	Apr. 2	5.0	Dec. 28	5.1	Sept. 28	3.6
Peb. 27, 1957	5.9	Nov. 3 Dec. 1	7.1 June 2	1	3.0	(C-23-2)28bdd-8.	Record	s available 1956	-60		
Apr. 4	4.9	Dec. 29	6.5 July 2	5	2.4	Oct. 1, 1956	+ 1.0	Mar. 6, 1958	+ 2.8	Oct. 27, 1959	+ 3.0
Apr. 30 May 31	3.9	Jan. 28, 1959 Feb. 27	6.4 Aug. 3 6.8 Sept. 2	0	1.4	Nov. 5 Jan. 2, 1957	2.6	Apr. 2 May 5	2.4	Nov. 23 Dec. 28	4.0
June 26	2.8	Mar. 24	6.8 Sept. 2 6.4 Oct. 2	5	4.3	Feb. 28	2.7	June 2	2.8	Jan. 25, 1960	3.8
July 25	2.9	Apr. 30	4.4 Nov. 2	5	6.2	Apr. 2	2.1	July 1	2.9	Feb. 25	3.9
Aug. 30 Sept. 30	3.6	May 12 May 25	4.1 Dec. 23	2 6. 1961	6.1	Apr. 29 May 29	1.3	Dec. 29 Jan. 28, 1959	4.3	Mar. 29 Apr. 28	3.6
Nov. 5	6.3	June 29	3.6 Feb. 2	3	6.4	June 25	1.2	Feb. 27	4.3	May 23	2.4
Dec. 2	6.9	July 27	3.1 Mar. 2	1	6.5	July 24	1.2	Mar. 24	4.3	June 21	2.4
Dec. 30 Feb. 3, 1958	6.7	Aug. 26 Sept. 22	2.9 Apr. 2 4.5 May 2	2	2.8	Aug. 28 Sept. 27	1.4	Apr. 30 May 25	2.9	July 25 Aug. 30	2.2
Mar. 5	6.7	Oct. 27	5.9 June 2	6	2.1	Nov. 5	2.6	June 25	2.8	Sept. 27	2.3
Apr. 2 May 5	6.7	Nov. 23 Dec. 28	7.0 July 2 6.9 Aug. 2	5	2.3	Dec. 2 Dec. 30	2.7	June 25 July 27 Aug. 26	2.6	Oct. 25 Nov. 25	2.6
June 2	3.1	Jan. 25, 1960	6.7 Sept. 2	В	3.7	Peb. 3, 1958	2.8	Sept. 28	2.8	Dec. 22	3.7
July 1	2.9	Feb. 25	6.1 Apr.	3, 1962	3.7			1			
Aug. 1 Sept. 4	3.4	Mar. 28	5.3 Sept. 2	6	3.6	(C-23-2)29cbc-1.	Becom	le available 1956	-50		
Sept. 4						Sept. 7, 1956	+ 1.1	Dec. 2, 1957	+ 2.9	Dec. 29, 1958	+ 4.3
(C-23-2)17cdd-1.	Recor	Mar. 5, 1958	6-60		-34.5	Oct. 2	1.1	Dec. 30	3.3	Jan. 28, 1959 Feb. 27	4.1
July 25, 1956 Sept. 6	-37.8 38.1	Mar. 5, 1958 Apr. 2	-35.4 Sept. 2 35.3 Oct. 2	3, 1959	34.6	Nov. 5 Dec. 3	2.5	Feb. 3, 1958 Mar. 6	3.4	Feb. 27 Mar. 24	4.3
Oct. 9	38.5	May 6	35.5 Nov. 2	5	34.5	Jan. 2, 1957 Feb. 28	1.6	Apr. 2	3.0	Apr. 30	2.4
Nov. 2	38.8	June 3	34.1 Dec. 2	9	34.7		2.7	Hay 5	1.8	May 25	2.2
Dec. 3 Jan. 3, 1957	38.9	July 1 Sept. 4	33.0 Jan. 2	5, 1960	34.8	Apr. 2 Apr. 29	2.2	June 2 July 1	2.2	June 25 July 27	2.0
Feb. 2	39.2	Oct. 2	30.4 Mar. 2	ĺ.	36.3	May 29	1.4	Aug. 1	2.3	Aug. 26	1.8
Feb. 27	39.4	Nov. 3	30.0 Apr. 2	8	35.9	June 25	1.4	Sept. 4 Oct. 2	2.3	Sept. 28	2.1
Apr. 2 June 4	39.7	Dec. 1 Dec. 29	29.8 May 2 30.1 June 2	3	36.2	July 24 Aug. 28	1.6	Oct. 2 Nov. 3	2.7	Oct. 27 Nov. 23	3.0
June 26	38.6	Jan. 28, 1959	30.5 July 2	5	36.3	Sept. 27	1.7	Dec. 1	3.7	Dec. 28	3-1
July 25	38.0	Mar. 24	31.5 Aug. 3	0	36.7	Nov. 5	2.6				
Aug. 30 Nov. 4	37.5	May 26 June 29	33.2 Sept. 2 33.7 Oct. 2	7	36.9 37.0						
Dec. 2	35.7	July 28	34.0 Nov. 2	5	37.2	(C-23-2)30baa-2.	Record	Mar. 5, 1958	-60		
Dec. 30	35.2	Aug. 26	34.2 Dec. 2	2	37.3	Sept. 27, 1956	+ 8.0	Mar. 5, 1958 Apr. 2	+11.7	Aug. 26, 1959 Sept. 28	+14.1
Feb. 3, 1958	35.5					Oct. 9 Nov. 2	7.8	May 6	11.5	Oct. 27	12.8
(C-23-2)19dab-1.	Record	May 6, 1958 June 3	5-54, 1956-61			Dec. 6	7.8	June 3	15.3	Nov. 25	12.1
Aug. 29, 1956 Oct. 9	+11.2	May 6, 1958 June 3	+14.6 Mar. 2	8, 1960	+12.5	Jan. 3, 1957 Feb. 1	7.4	July 1 Aug. 1	17.4	Dec. 29 Jan. 25, 1960	11.7
Nov. 5	10.2	July 1	22.2 May 2	3	12.8	Feb. 27	7.0	Sept. 5	17.8	Feb. 25	10.7
Dec. 6	9.8	Oct. 2 Nov. 3	22.3 June 2 21.9 July 2	L	13.2	Apr. 2 Apr. 30	6.6	Oct. 2 Nov. 3	17.3	Mar. 28 Apr. 28	9.9
Jan. 3, 1957 Feb. 1	9-7	Dec. 23	20.8 Aug. 3	0	12.9	Apr. 30 May 31	7.4	Dec. 29	16.0	May 23	10.0
Feb. 27	9.0	Jan. 28, 1959	18.8   Sept. 2	6	12.7	June 26	9.4	Jan. 28, 1959	14.5	June 21	10.4
Apr. 2 Apr. 30	8.7	Feb. 27 Mar. 24	18.8 Oct. 2		12.1	July 25 Aug. 30	10.9	Feb. 27 Mar. 24	14.9	July 25 Aug. 30	9.9
June 4	11.3	Apr. 30	17.3 Dec. 2	2	11.1	Sept. 30	12.2	Apr. 30	13.3	Sept. 26	9.6
June 26	14.1	May 26	18.8 Jan. 20	6, 1961	10.0	Nov. 5 Dec. 2	12.3	May 26	14.8	Oct. 25 Nov. 25	9.7
July 25 Aug. 30	14.9	June 29 July 28	18.3 Feb. 2 18.2 Mar. 2	1	9.5	Dec. 2 Dec. 30	11.4	June 29 July 28	14.0	Dec. 22	9.0
Sept. 30	15.2	Aug. 26	17.8 Apr. 2	5	8.9	Feb. 3, 1958	12.2				
Nov. 5 Dec. 2	15.3	Sept. 23	16.6 May 2	2	8.1						
Dec. 30	15.2	Oct. 27 Nov. 25	15 6 July 2	5	8.8	(C-23-2)31dcb-2.	Record	is available 1935	-50, 1956	5-61	
Feb. 3, 1958	14.8	Dec. 29	14.8 Aug. 2	2	8.5	Sept. 6, 1956	+ 3.6	May 5, 1958	+ 4.5	Jan. 25, 1960	+ 5.4
Mar. 5 Apr. 2	14.3	Dec. 29 Jan. 25, 1960 Feb. 25	14.6 Sept. 2	B	8.0	Sept. 25 Oct. 29	3.5	June 2 July 1	5.3	Feb. 25 Har. 29	5.2
myt , E	14.0	200. 27	2317			Nov. 5	3.7	Aug. 1	6.1	Apr. 28	4.2
(a an alac			r ro 1061 (n			Dec. 3	3.8	Sept. 4	5.5	May 23	4.3
(C-23-2)26edb-1. Aug. 29, 1956	+ 3.4	Dec. 30, 1957	5-59, 1961-62 + 5.8   Feb. 2	7. 1959	+ 4.1	Jan. 2, 1957 Jan. 31	3.6	Oct. 2 Nov. 3	5.6	June 22 July 25	4.2
Sept. 25	4.1	Feb. 3, 1958	5.1 Mar. 2	4	4.3	Feb. 28	3.9	Dec. 1	6.0	Aug. 30	3.6
Oct. 29	4.7	Mar. 6	4.7 Apr. 3	0	4.2	Apr. 1	4.1	Dec. 29	5.9	Sept. 26 Oct. 25	3.9
Nov. 5 Dec. 3	4.6	Apr. 2 May 5	5.3 May 2 4.8 June 2	5	4.2	Apr. 29 May 29	3.4	Feb. 27	5.8	Nov. 25	4.5
Jan. 31, 1957	4.7	June 2	5.3 July 2	7	3.0	June 25	3.9	Mar. 24	5.8	Dec. 22	4.3
Feb. 28	5.0	July 1	5.3 Aug. 20 4.7 Sept. 20		2.1	July 24 Aug. 28	4.2	Apr. 30 May 25	5.7	Jan. 26, 1961 Feb. 23	4.1
Apr. 30	5.3	Aug. 1 Sept. 4	4.1 Oct. 2	7	2.8	Sept. 27	4.7	June 25	5.4	Mar. 21	4.0
May 29	4.8	Oct. 2	4.3 Nov. 2	3	1.5	Nov. 5	4.8	July 27	5.2	Apr. 25	3.9
June 25 July 24	5.6	Nov. 3	4.1 Dec. 2	9 8, 1961	1.6	Dec. 2 Dec. 30	5.3	Aug. 26 Sept. 28	5.2	May 22 June 26	3.6
Aug. 28	5.3	Dec. 1 Dec. 29	4.2 Apr.	3, 1962	2.1	Feb. 3, 1958	5.0	Oct. 27	4.8	July 25	3.5
Sept. 27	6.0	Jan. 28, 1959	4.1 Sept. 2	6	1.2	Mar. 6	5.1	Nov. 23	5.4	Aug. 22	3.6
Nov. 5	6.5					Apr. 2	5.3	Dec. 28	5.4	Sept. 26	3.5

Table 3.--Water levels and artesian pressures in observation wells in parts of Sanpete, Sevier, and Piute Counties, Utah - Continued

(c-23-2)3ldcb-3.	Sevier Cou Mater-level recorder installed Feb. 7, 1961. Artesian pressures reported for subsequent dates are at noon, and are taken from recorder graphs. Records awail- able 1999-6.	rty - Continued (C-24-)225ed-1. Records swslimble 1956-59 Tuly 11, 1956 - 23,3   Sept. 27, 1957 - 23,0   Dec. 1, 1958 - 20,7 Sept. 4 25,4   Nov. 4 23,2   Dec. 30 20,8 Oct. 3 25,0   Dec. 2 23,0   Jan. 28, 1959 20,8
Sept. 28, 1959 Oct. 27 Nov. 23 Dec. 28 Jan. 25, 1960 Feb. 25 Mar. 29 Apr. 28 May 23 June 22 July 25 Aug. 30	+ 5.3 Oct. 25, 1960 + 4.3 Oct. 31, 1961 + 3.9 5.6 Dec. 25 + 4.3 Oct. 31, 1961 + 3.9 5.6 Dec. 22 + 4.3 Dec. 31 5.4 Jan. 26, 1961 - 4.3 Dec. 31 5.4 Jan. 31 5.4 Jan. 31 5.4 Jan. 31 5.4 Jan. 31 4.5 Jan. 31 4.7 Jan. 30 4.7 Jan.	Nov. 2   25.3   Dec. 30   22.8   Feb. 27   20.7     Nov. 30   25.3   Feb. 3, 1958   22.9   Mar. 24   20.3     Jan. 2, 1957   25.6   Mar. 6   23.0   Apr. 30   21.0     Jan. 31   25.6   Apr. 1   23.1   May 25   21.1     Apr. 1   23.6   July 2   20.3   July 27   22.5     Apr. 2   24.2   July 1   20.5   Aug. 26   22.4     May 25   24.2   Aug. 1   20.5   Sept. 28   22.6     July 23   23.1   Cet. 1   20.7   Cet. 27   22.7     July 23   23.1   Cet. 1   20.5   Nov. 23   22.6     July 23   23.1   Cet. 1   20.7   Cet. 27   22.7     July 23   23.1   Cet. 1   20.5   Nov. 23   22.6     July 23   23.1   Cet. 1   20.5   Nov. 23   22.6     July 23   23.1   Cet. 1   20.5   Nov. 23   22.6     July 24   25   25.4   Cet. 1   20.5   Nov. 23   22.6     July 25   23.4   Cet. 1   20.5   Nov. 23   22.6     July 26   23.1   Cet. 1   20.5   Nov. 23   22.6     July 27   20.6   Dec. 26   22.6     July 28   23.1   Cet. 1   20.5   Dec. 26   22.6     July 29   23.1   Cet. 1   20.5   Dec. 26   22.6     July 20   23.1   Cet. 1   20.5   Dec. 26   22.6     July 20   23.1   Cet. 1   20.5   Dec. 26   22.6     July 20   23.1   Cet. 1   20.5   Dec. 26   22.6     July 21   23.1   Cet. 1   20.5   Dec. 26   22.6     July 21   23.1   Cet. 1   20.5   Dec. 26   22.6     July 21   23.1   Cet. 1   20.5   Dec. 26   22.6     July 21   23.1   Cet. 1   20.5   Dec. 26   22.6     July 21   23.1   Cet. 1   20.5   Dec. 26   22.6     July 21   23.1   Cet. 1   20.5   Dec. 26   22.6     July 22   23.1   Cet. 1   20.5   Dec. 26   22.6     July 24   24.2   24.2   24.2   24.2   24.2     July 25   25.5   25.4   25.5
Sept. 26 (C-23-2)34aba-1. Sept. 7, 1956 Oct. 9 Nov. 5 Dec. 3 Jan. 2, 1957 Peb. 28 July 23 Aug. 28 Sept. 27 Nov. 5 Dec. 2 Dec. 30	4.2   Records available 1956-60   Records available 1956-6	(C-24-1)2(rotd-1. Records awaiiable 1956-59   Jan. 28, 1959 - 29.3   Mov. 2   35.5   Feb. 3, 1958   33.2   Feb. 27   29.4   Mov. 2   35.5   Feb. 3, 1958   33.2   Feb. 27   29.4   Mov. 2   35.5   Feb. 3, 1958   33.5   Feb. 27   29.4   Mov. 3   35.5   Feb. 3, 1958   33.6   Feb. 27   29.4   Mov. 2   35.6   Feb. 2   29.4   Mov. 2   35.6   Feb. 2   29.4   Mov. 2   35.6   Feb. 2   29.4   Mov. 2   33.6   Feb. 2   29.4   Mov. 2   33.6   Feb. 2   29.4   Mov. 2   33.6   Mov. 2   30.5   Mov. 2   31.0   Mov. 2   Mov. 2   Mov. 2   31.0   Mov. 2   31.0   Mov. 2   31.0   Mov. 2   Mov. 2   Mov. 2   31.0   Mov. 2   Mov. 2   Mov. 2   31.0   Mov. 2
Feb. 3, 1958 Mar. 6	10.6   Oct. 27   7.8   Dec. 22   8.2	(C-2k-3)263db-1. Records awailable 1956-62   July 1., 1956 -56.8   July 1., 1958 -49.7   Apr. 26, 1960 -56.8   Oct. 3   Aug. 4   50.2   May 31   57.8   Nov. 2   56.3   Aug. 4   50.2   May 31   57.8   Nov. 2   56.5   Oct. 1   46.4   Aug. 3   25.5   Aug. 4   Aug.
May 29 June 25 July 24 Aug. 28 Sept. 27 Nov. 4 Dec. 2 Dec. 30 Feb. 3, 1958 Mar. 6 Apr. 2	2.7 June 25 5 June 26 2.4 2.1 July 27 6 July 27 2.6 July 28 2.6 Ju	Aug. 26         54.7         May 25         53.1         May 1         61.1           Sept. 27         54.2         July 30         55.9         May 22         56.0           Nov. 4         54.5         Aug. 26         53.6         Sept. 25         62.5           Dec. 2         54.6         Sept. 28         54.2         6ct. 30         61.5           Peb. 3         1,958         55.2         Mov. 22         54.7         Nov. 27         61.5           Pat. 6         55.7         Dec. 28         55.0         55.0         Ann. 31, 1962         58.8           May 1         2         55.8         Peb. 25         57.2         Ann. 31, 1962         58.8           May 1         2         56.3         56.3         Ann. 29         56.3
May 5 June 2 July 1 Aug. 1 Sept. 4 Oct. 2	1.6 Máy 23 1.7 Máy 28 2.8 -3 June 22 1.7 June 26 2.4 -1 July 25 1.9 July 26 1.5 8 Aug. 30 2.5 Aug. 28 1.5 .9 Sept. 26 2.2 Sept. 24 1.1	(C-24-3)35bdd-1. Water-level recorder operated from Oct. 2, 1956, to Dec. 31, 1960. Water levels reported between these dates are at noon and are taken from recorder graphs. Records exwinible 1956-66, 1962   1956   19
(c-24-2)8bbb-1. Apr. 17, 1957 Apr. 30, 1958 May 5 June 2 July 1 Aug. 1 Sept. 4 Oct. 2	Records available 1977, 1958-59           + 0.4         Nov. 3, 1958         + 18. June 25, 1959         + 0.6           bec. 1         - 2.1         July 27         - 3           6         Dec. 29         - 2.1         Aug. 26         - 3           1.4         Jan. 28, 1959         - 2.3         5pt. 28         - 2           1.0         Feb. 27         - 2.3         5pt. 27         - 7           9         Mar. 24         - 2.3         3pe. 23         1.0           1.0         App. 30         1.3         3pe. 26         1.2           1.3         May 25         1.1	Oct. 31
Sept. 19, 1956 Oct. 3 Nov. 2 Nov. 30	Records available 1956-60  -3.2 Mar. 6, 1958 - 1.2 July 27, 1959 - 1.4  -3.3 May 5 1.3 Sept. 28  1.7 3.3 June 2 1.4 Mov. 23 1.3  2.8 July 1 3 18ce 28 1.2	Aug. 31
Jan. 31 Peb. 26 Apr. 1 Apr. 29 May 29 June 25 July 23 Aug. 28 Sept. 27 Nov. 4 Dec. 2 Dec. 30 Peb. 3, 1958	2.5 Aug. 1 3 Jan. 25, 1960 1.3 2.0 Oct. 1 + 1 harr. 29 Ptb. 2 - 1.0 2.0 Oct. 1 + 1 harr. 29 Apr. 26 1.5 2.6 Dec. 1 - 3 hwy 2 3 1.5 2.1 Jan. 26, 1959 3 July 25 2.4 2.1 Feb. 27 - 3 July 25 2.4 2.1 Peb. 27 - 3 Aug. 30 2.9 3.9 Mar. 24 + 3 Sept. 26 2.9 3.1 May 25 - 4 Bor. 25 2.2 3.1 June 25 1.0 3.1 June 25 2.2	C-2-2-3 Bosh-1, Records swsliable 1996-59   Dec. 1, 1955 -63.7   Dec. 21, 1958 -63.7   Dec. 23, 1956 -72.4   Boyl. 27, 1957 -68.9   Dec. 30 -64.3   Dec. 3 -73.4   Dec. 2 -66.5   Dec. 30 -64.3   Dec. 3 -73.4   Dec. 3 -66.6   Jan. 26, 1959 -66.5   Dec. 30 -64.3   Dec. 30 -67.3   Dec. 3
(C-24-3)10bcc-1. Sept. 19, 1956 Oct. 3 Nov. 2 Nov. 30 Jan. 2, 1957 Jan. 31 Feb. 26	Records         awailable 1956-98           116.2         Apr. 27           116.4         Apr. 29           116.5         Apr. 29           116.6         May 29           117.6         Dec. 2           117.1         June 25           117.2         Dec. 32           117.1         July 24           117.2         Aug. 28           117.2         July 24           117.2         Aug. 28           117.2         July 24           117.2         Aug. 28           117.2         Apr. 1, 1958           115.3         117.2	(2-25-) 26ed-1. Records awailable 1956-60   Colored

Table 3.--Water levels and artesian pressures in observation wells in parts of Sanpete, Sevier, and Piute Counties, Utah - Continued

	- Conti	nued				(C-25-4)32aba-2	- Contin	ued				
(C-25-3)28cad-1 May 5, 1958	-112.9	Mar. 24,	1959 -112.9	Feb. 25, 1960		Feb. 29, 1960	-53.8	Dec. 31, 1960	-53.2		31, 1961	-52.4
June 2	113.3		113.3	Mar. 29	122.6	Mar. 31	54.1	Jan. 31, 1961	53.9		30	52.1
July 1	103.9	May 25	114.3	Apr. 26	123.6	Apr. 30	52.7	Feb. 28	54.2		31	53.5
Aug. 1	100.3	July 27	115.0	May 23	124.0	May 31	45.0	Mar. 31	54.3	Jan.	31, 1962	54.2
Oct. 1 Nov. 3	102.4	Aug. 26 Sept. 28	115.7	June 20 July 25	122.1	June 30 July 31	49.7 51.1	Apr. 30 May 31	51.6	Feb. Mar.	28 31	54.3
Dec. 1	106.3	Oct. 26	117.2	Aug. 30	121.1	Aug. 31	52.0	June 30	48.2	Apr.	30	49.7
Dec. 30	107.6	Nov. 23	118.1	Sept. 26	121.4	Sept. 30	51.4	July 31	50.1		31	48.0
Jan. 28, 1959	108.9	Dec. 28	119.2	Oct. 25	121.3	Oct. 31	52.1	Aug. 31	50.8		30	49.1
Mar. 2	110.9	Jan. 25,	1960 120.6	Nov. 25	123.1	Nov. 30	52.0	Sept. 30	51.5			
( I ) · ·		is available	1056 60			(c-26-4)29bba-1	P	s available 1956	63			
(C-25-4)11cac-1 Sept. 17, 1956	-29.3	July 1,	1958 -18.5	Mar. 29, 1960		Aug. 2, 1956	-13.3	Aug. 1, 1958	- 9.8		29, 1960	-11.0
Oct. 4	29.8	Aug. 1	16.5	Apr. 26	29.5	Oct. 4	11.6	Sept. 4	9.9		26	10.9
Nov. 2	30.2	Sept. 4	16.8	May 23	28.9	Nov. 2	12.2	Oct. 1 Nov. 3	10.1		23 20	10.7
Nov. 30 Jan. 2, 1957	30.4		18.2	June 20 July 25	27.9 27.1	Nov. 30 Jan. 2, 1957	11.5	Nov. 3 Dec. 1	11.4		20 25	11.3
Jan. 2, 1957 Jan. 31	31.3	Nov. 3 Dec. 1	20.5	Aug. 30	27.6	Jan. 31	11.5	Dec. 30	11.7	Aug.	30	11.7
Feb. 26	31.4	Dec. 30	22.4	Sept. 26	28.2	Feb. 26	11.0	Jan. 28, 1959	11.7	Sept.	26	12.2
Apr. 1	31.7	Jan. 28,	1959 23.7	Oct. 25	29.1	Apr. 1	10.7	Mar. 2	10.7	Oct.	25	12.1
Apr. 29	31.9	Mar. 2	24.8	Nov. 25	29.6	May 29	11.0	Mar. 25	10.7	Nov.	25	12.0
May 29	31.4	Mar. 24	25.4	Dec. 22	30.0	June 25	12.5	Hay 1	10.0		29	12.4
June 25	29.6	Apr. 30	26.2	Jan. 26, 1961	30.8	Sept. 27	10.8	May 25	10.0		26, 1961	12.4
July 24	26.6	May 25	25.3	Feb. 23	31.3	Nov. 4	11.3	June 25	10.4	Feb.	23	12.2
Aug. 28	25.7	June 25	24.9	Mar. 21	31.3	Dec. 2	11.1	July 27	10.6		20	11.5
Sept. 27	25.8	July 27 Aug. 26	24.7	Apr. 25 May 22	31.3	Dec. 30 Feb. 3, 1958	11.6	Aug. 24 Sept. 28	10.1		25 22	10.4
Nov. 4 Dec. 2	26.9	Aug. 26 Sept. 28	25.3	May 22 June 26	29.1	Mar. 6	11.5	Oct. 26	11.3		26	11.2
Dec. 30	28.4	Oct. 26	26.6	July 25	28.5	Apr. 1	11.3	Nov. 23	11.2		25	11.8
Feb. 3, 1958	29.4	Nov. 23	27.2	Aug. 22	29.1	May 5	9.2	Dec. 28	11.9		22	11.8
Mar. 6	29.9	Dec. 28	27.9	Sept. 25	29.6	June 2	9.2	Jan. 25, 1960	11.9	Sept.	25	12.3
Apr. 1	30.1	Jan. 25, 1	1960 28.5	Apr. 3, 1962	31.1	July 1	8.9	Feb. 25	11.0			
tay 5	30.0	Feb. 25	29.0	Sept. 24	23.5					1		
June 2	21.7					(D-20-1)3labd-1.	Record	s available 1956	-60	The	25. 1959	10.0
(C-25-4)13cbc-1	Record	s available	1956-59			Mar. 22, 1956 Aug. 22	- 49.7	Dec. 3, 1957 Jan. 2, 1958	49.4	Apr.	26	-49.0 48.5
July 23, 1956	-41.2	Sept. 27, 1	1957 -39.3	Nov. 3, 1958	-33.3	Sept. 5	49.6	Feb. 4	49.6	May	26	48.4
Sept. 4	42.5	Nov. 4	40.4	Jan. 28, 1959	38.1	Oct. 5	49.6	Mar. 5	49.7		26	48.3
Oct. 4	43.5	Dec. 2	41.4	Mar. 2	39.2	Nov. 6	49.7	Apr. 3	49.8		28	48.4
Nov. 2	44.3	Dec. 30	42.6	Mar. 24	39.8	Dec. 4 Jan. 3, 1957	49.8	нау б	49.3		27	48.6
Nov. 30 Jan. 2, 1957	44.7	Feb. 3, 1 Mar. 6	1958 43.8 44.3	Apr. 30 May 25	40.2 39.4	Jan. 3, 1957 Feb. 1	49.9	June 3 July 2	48.7	Oct.	28	48.5
Jan. 2, 1957 Jan. 31	45.3	Apr. 1	45.0	May 25 June 25	38.5	Feb. 27	49.9	Aug. 5	48.7		27	48.8
	47.7	Apr. I	44.3	July 27	37.7	Apr. 2	50.1	Sept. 3	48.7		29	48.9
Peh 26												
	46.0	May 5 June 2	34.2		38.9	Apr. 30			48.5	Jan.	26, 1960	49.0
Apr. 1	45.6	June 2	34.2	Aug. 26 Sept. 28	38.9	Apr. 30 May 31	49.9	Oct. 3 Nov. 4	48.5	Jan. Feb.	26, 1960 29	49.0
Apr. 1 Apr. 29 May 29	45.6 46.0 45.8	June 2 July 1 Aug. 1	34.2 31.1 28.7	Aug. 26 Sept. 28 Oct. 26	38.9 39.9 41.1	Apr. 30 May 31 June 26	49.9 49.2 48.8	Oct. 3 Nov. 4 Nov. 28	48.5 48.6 48.7	Jan. Feb.	26, 1960 29 28	49.0 49.0
Apr. 1 Apr. 29 May 29 June 25	45.6 46.0 45.8 44.1	June 2 July 1 Aug. 1 Sept. 4	34.2 31.1 28.7 29.8	Aug. 26 Sept. 28 Oct. 26 Nov. 23	38.9 39.9 41.1 41.6	Apr. 30 May 31 June 26 July 25	49.9 49.2 48.8 49.1	Nov. 4 Nov. 28 Dec. 30	48.5 48.6 48.7 48.7	Jan. Feb. Mar. Apr.	26, 1960 29 28 28	49.0 49.0 49.0
Apr. 1 Apr. 29 May 29 June 25 July 24	45.6 46.0 45.8 44.1 41.3	June 2 July 1 Aug. 1	34.2 31.1 28.7	Aug. 26 Sept. 28 Oct. 26	38.9 39.9 41.1	Apr. 30 May 31 June 26 July 25 Sept. 3	49.9 49.2 48.8 49.1 49.1	Oct. 3 Nov. 4 Nov. 28 Dec. 30 Jan. 29, 1959	48.5 48.6 48.7 48.7 48.9	Jan. Feb. Mar. Apr. May	26, 1960 29 28 28 28	49.0 49.0 49.7 48.7
Apr. 1 Apr. 29 May 29 June 25	45.6 46.0 45.8 44.1	June 2 July 1 Aug. 1 Sept. 4	34.2 31.1 28.7 29.8	Aug. 26 Sept. 28 Oct. 26 Nov. 23	38.9 39.9 41.1 41.6	Apr. 30 May 31 June 26 July 25	49.9 49.2 48.8 49.1	Nov. 4 Nov. 28 Dec. 30	48.5 48.6 48.7 48.7	Jan. Feb. Mar. Apr. May	26, 1960 29 28 28	49.0 49.0 49.0 48.7
Apr. 1 Apr. 29 May 29 June 25 July 24 Aug. 28 (C-25-4)270ab-1.	45.6 46.0 45.8 44.1 41.3 39.4	June 2 July 1 Aug. 1 Sept. 4 Oct. 1	34.2 31.1 28.7 29.8 31.5	Aug. 26 Sept. 28 Oct. 26 Nov. 23 Dec. 28	38.9 39.9 41.1 41.6 42.6	Apr. 30 May 31 June 26 July 25 Bept. 3 Sept. 30 Nov. 6	49.9 49.2 48.8 49.1 49.1 49.1	Oct. 3 Nov. 4 Nov. 28 Dec. 30 Jan. 29, 1959 Feb. 26	48.5 48.6 48.7 48.7 48.9 48.8	Jan. Feb. Mar. Apr. May	26, 1960 29 28 28 28	49.0 49.0 49.0 48.7 48.5
Apr. 1 Apr. 29 May 29 June 25 July 24 Aug. 28 (C-25-k)27bab-1. Sept. 19, 1956	45.6 46.0 45.8 44.1 41.3 39.4 Record	June 2 July 1 Aug. 1 Sept. 4 Oct. 1	34.2 31.1 28.7 29.8 31.5	Aug. 26 Sept. 28 Oct. 26 Nov. 23	38.9 39.9 41.1 41.6 42.6	Apr. 30 May 31 June 26 July 25 Bept. 3 Sept. 30 Nov. 6	49.9 49.2 48.8 49.1 49.1 49.2 Records	Oct. 3 Nov. 4 Nov. 28 Dec. 30 Jan. 29, 1959 Peb. 26	48.5 48.6 48.7 48.7 48.9 48.8	Jan. Feb. Mar. Apr. May June	26, 1960 29 28 28 28	49.0 49.0 49.0 48.7 48.5 48.6
Apr. 1 Apr. 29 May 29 June 25 July 24 Aug. 28 (C-25-4)27bab-1. Sept. 19, 1956 Det. 4	45.6 46.0 45.8 44.1 41.3 39.4 Record	June 2 July 1 Aug. 1 Sept. 4 Oct. 1	34.2 31.1 28.7 29.8 31.5 1956-60 1958 -66.0 66.3	Aug. 26 Sept. 28 Oct. 26 Nov. 23 Dec. 28	38.9 39.9 41.1 41.6 42.6	Apr. 30 May 31 June 26 July 25 Sept. 3 Sept. 30 Nov. 6 (D-21-1)6cdm-1. Aug. 15, 1956	49.9 49.2 48.8 49.1 49.1 49.2 Records	Oct. 3 Nov. 4 Nov. 28 Dec. 30 Jan. 29, 1959 Peb. 26	48.5 48.6 48.7 48.7 48.9 48.8	Jan. Feb. Mar. Apr. May June	26, 1960 29 28 28 28 27 21	49.0 49.0 49.0 48.7 48.5 48.6
Apr. 1 Apr. 29 Aug. 29 June 25 June 25 June 25 June 25 Aug. 28 (C-25-4)27bab-1. 3ept. 19, 1956 lott. 4 Nov. 2 Nov. 30	45.6 46.0 45.8 44.1 41.3 39.4 Record -63.0 65.1 64.6 64.5	June 2 July 1 Aug. 1 Sept. 4 Oct. 1 s available Mar. 6, 1 Apr. 1 May 5 June 2	34.2 31.1 28.7 29.8 31.5 1956-60 1958 -66.0 66.3 62.4 55.8	Aug. 26 Sept. 28 Oct. 26 Nov. 23 Dec. 28 July 27, 1959 Aug. 24 Sept. 28 Oct. 26	38.9 39.9 41.1 41.6 42.6	Apr. 30 May 31 June 26 July 25 Sept. 3 Sept. 30 Nov. 6  (D-21-1)6cda-1. Aug. 15, 1956 Sept. 5 Oct. 5	49.9 49.2 48.8 49.1 49.1 49.2 Records - 2.8 3.0 2.9	Oct. 3 Nov. 4 Nov. 28 Dec. 30 Jan. 29, 1959 Peb. 26 avmilable 1956- Dec. 3, 1957 Jan. 2, 1958 Peb. 4	48.5 48.6 48.7 48.7 48.9 48.8	Jan. Feb. Mar. Apr. May June	26, 1960 29 28 28 28 27 21 30, 1958 29, 1959 26	49.0 49.0 48.7 48.5 48.6
hpr. 29 fune 25 fuly 24 fune 25 fuly 24 fune 26  C-25-4)27bab-1. bept. 19, 1956 bet. 4 fov. 2 fov. 30 fan. 2, 1957	45.6 46.0 45.8 44.1 41.3 39.4 Record -63.0 65.1 64.6 64.5 66.6	June 2 July 1 Aug. 1 Sept. 4 Oct. 1  s available Mar. 6, 1 Apr. 1 May 5 June 2 July 1	34.2 31.1 28.7 29.8 31.5 1956-60 1958 -66.0 66.3 62.4 55.8 56.4	Aug. 26 Sept. 28 Oct. 26 Nov. 23 Dec. 28 July 27, 1959 Aug. 2k Sept. 28 Oct. 26 Nov. 23	38.9 39.9 41.1 41.6 42.6 -60.3 59.7 60.7 60.6 62.7	Apr. 30 May 31 June 26 July 25 Sept. 3 Sept. 30 Nov. 6 (D-21-1)6cda-1. Aug. 15, 1956 Sept. 5 Oct. 5 Dec. 4	49.9 49.2 48.8 49.1 49.1 49.1 49.2 Records -2.8 3.0 2.9 3.2	Oct. 3 Nov. 4 Nov. 28 Dec. 30 Jan. 29, 1959 Feb. 26 available 1956- Dec. 3, 1957 Jan. 2, 1958 Feb. 4 Mar. 5	48.5 48.6 48.7 48.7 48.9 48.8 59 - 2.6 2.6 2.6	Jan. Feb. Mar. Apr. May June  Dec. Jan. Feb. Mar.	26, 1960 29 28 28 27 21 30, 1958 29, 1959 26	49.0 49.0 49.0 48.7 48.6 - 3.1 2.7 3.0
hpr. 1 hpr. 29 hune 25 hune 25 hung 28 (C-25-4)27bab-1. hept. 19, 1956 het. 4 lov. 2 lov. 30 lan. 2, 1957 fan. 31	45.6 46.0 45.8 44.1 41.3 39.4 Record -63.0 65.1 64.6 64.5 66.6 67.0	June 2 July 1 Aug. 1 Sept. 4 Oct. 1  Sept. 4 Oct. 1  Sept. 4 Oct. 1  June 2 July 1 Aug. 1	34.2 31.1 28.7 29.8 31.5 1956-60 1958 -66.0 66.3 62.4 55.8 56.4 51.6	Aug. 26 Sept. 28 Oct. 26 Nov. 23 Dec. 28 July 27, 1959 Aug. 2k Sept. 28 Oct. 26 Nov. 23 Dec. 28	38.9 39.9 41.1 41.6 42.6 -60.3 59.7 60.7 60.6 62.7 64.3	Apr. 30 May 31 June 26 July 25 Sept. 3 Sept. 30 Nov. 6 (D-21-1)6cdm-1. Aug. 15, 1956 Sept. 5 Oct. 5 Dec. 4 Jan. 3, 1957	49.9 49.2 48.8 49.1 49.1 49.1 49.2 Records -2.8 3.0 2.9 3.2 3.4	Oct. 3 Nov. 4 Nov. 28 Dec. 30 Jan. 29, 1959 Peb. 26 avmilable 1956- Dec. 3, 1957 Jan. 2, 1958 Peb. 4 Mar. 5 Apr. 3	48.5 48.6 48.7 48.9 48.8 59 - 2.6 2.6 2.6 2.9	Jan. Feb. Mar. Apr. May June  Dec. Jan. Feb. Mar. Apr.	26, 1960 29 28 28 27 21 30, 1958 29, 1959 26 25 28	49.0 49.0 49.0 48.7 48.5 48.6
hpr. 1 hpr. 29 lay 29 lune 25 lune 26 lune 25 lune 26 lune	45.6 46.0 45.8 44.1 39.4 8ecord -63.0 65.1 64.6 64.5 66.6 67.0 67.1	June 2 July 1 Aug. 1 Sept. 4 Oct. 1  s avsilable Mar. 6, 1 May 5 June 2 July 1 Aug. 1 Sept. 4	34.2 31.1 28.7 29.8 31.5 1956-60 1958 -66.0 66.3 62.4 55.8 55.6 54.9	Aug. 26 Sept. 28 Oct. 26 Nov. 23 Dec. 28 July 27, 1959 Aug. 2k Sept. 28 Oct. 26 Nov. 23 Dec. 28 Jun. 25, 1960	38.9 39.9 41.1 41.6 42.6 -60.3 59.7 60.6 62.7 64.3 64.9	Apr. 30 May 31 June 26 July 25 Sept. 3 Sept. 3 Nov. 6 (D-21-1)6cda-1. Aug. 15, 1956 Sept. 5 Oct. 5 Dec. 4 Jan. 3, 1957 Pab. 27	49.9 49.2 48.8 49.1 49.1 49.2 Records - 2.8 3.0 2.9 3.2 3.5	Oct. 3 Nov. 4 Nov. 28 Dec. 30 Jan. 29, 1959 Peb. 26 avmilable 1956- Dec. 3, 1957 Jan. 2, 1958 Peb. 4 Mar. 5 Apr. 3 May 6	48.5 48.6 48.7 48.7 48.8 - 2.6 2.6 2.6 2.6 2.9 2.2	Jan. Feb. Mar. Apr. May June  Dec. Jan. Feb. Mar. Apr. May	26, 1960 29 28 28 28 27 21 30, 1958 29, 1959 26 25 28	+9.0 +9.0 +9.0 +8.7 +8.5 +8.6 -3.1 2.8 2.7 3.0 2.9 2.2
pr. 1  pr. 29  lay 29  lay 29  lune 25  lune 25  lune 25  lune 26  cc-25-4)27bab-1.  lept. 19, 1956  let. 4  lov. 30  len. 2, 1957  lan. 31  leb. 26  lpr. 1	8ecord -63.0 65.1 64.5 66.6 67.1 67.1	June 2 July 1 Aug. 1 Sept. 4 Oct. 1  Savailable Har. 6, 1 Apr. 1 May 5 June 2 July 1 Aug. 1 Sept. 4 Oct. 1	34.2 31.1 28.7 29.8 31.5 1956-60 1958 -66.0 55.8 56.4 51.6 54.9 57.3	Aug. 26 Sept. 28 Oct. 26 Nov. 23 Dec. 28 July 27, 1959 Aug. 24 Sept. 26 Oct. 26 Nov. 23 Dec. 26 Nov. 23 Dec. 26 Nov. 27 Peb. 25	38.9 39.9 41.1 41.6 42.6 -60.3 59.7 60.7 60.6 62.7 64.3 64.3 64.9	Apr. 30 May 31 June 26 July 25 Sept. 3 Sept. 30 Nov. 6 (D-21-1)6cdm-1. Aug. 15, 1956 Sept. 5 Oct. 5 Dec. 4 Jan. 3, 1957 Feb. 27 Apr. 2	49.9 49.2 49.1 49.1 49.2 Records - 2.8 3.0 2.9 3.2 3.4 3.5 3.8	Oct. 3 Nov. 4 Nov. 28 Dec. 30 Jan. 29, 1959 Peb. 26 available 1956- Dec. 3, 1957 Jan. 2, 1958 Peb. 4 Mar. 5 Apr. 3 May 6 June 3	48.5 48.6 48.7 48.9 48.8 - 2.6 2.6 2.6 2.9 2.9 2.1.3	Jan. Feb. Mar. Apr. May June  Dec. Jan. Feb. Mar. Apr. Hay June	26, 1960 29 28 28 28 27 21 30, 1958 29, 1959 26 25 28 26	49.0 49.0 48.7 48.6 48.6 2.7 3.0 2.9 2.2 1.9
hpr. 1 hpr. 29 lay 29 lay 29 lay 29 lay 24 hung 25 hung 26  (C-25-4)27bab-1. hept. 19, 1956 lot. 2 lov. 2 lov. 30 lan. 2, 1957 lan. 31 leb. 26 hpr. 1 hpr. 29	45.6 46.8 44.1 41.3 39.4 Record 65.1 64.6 64.6 67.0 67.1 67.1 67.7	June 2 July 1 Aug. 1 Sept. 4 Oct. 1  Mar. 6, 1 Apr. 1 May 5 June 2 July 1 Aug. 1 Sept. 4 Oct. 1  Nov. 3	34.2 31.1 28.7 29.8 31.5 1956-60 1958 -66.0 66.3 62.4 55.8 56.4 51.6 54.9 57.3 59.3	Aug. 26 Sept. 28 Oct. 26 Nov. 23 Dec. 28 July 27, 1959 Aug. 2k Sept. 28 Oct. 26 Nov. 23 Dec. 26 Jun. 27, 1960 Feb. 25 Har. 29	38.9 39.9 41.1 41.6 42.6 42.6 60.7 60.6 62.7 64.3 64.9 65.1	Apr. 30 May 31 June 26 July 25 Sept. 3 Sept. 30 Nov. 6 (D-21-1)6cda-1. Aug. 15, 1956 Sept. 5 Oct. 5 Dec. 4 Jan. 3, 1957 Peb. 27 Apr. 2 Apr. 30	19.9 19.8 19.1 19.1 19.2 Records - 2.8 3.0 2.9 3.2 3.4 3.5 3.0	Oct. 3 Nov. 4 Nov. 28 Dec. 30 Jan. 29, 1959 Feb. 26 Available 1956- Dec. 3, 1957 Jan. 2, 1958 Peb. 4 Mar. 5 Ayr. 3 May 6 June 3 July 2	48.5 48.6 48.7 48.9 48.8 - 2.6 2.6 2.6 2.9 2.2 1.3	Jan. Feb. Mar. Apr. May June  Dec. Jan. Feb. Mar. Apr. May June July	26, 1960 29 28 28 28 27 21 21 30, 1958 29, 1959 26 25 28 26 26	+9.0 +9.0 +9.7 +8.7 +8.6 -3.1 2.7 3.0 2.9 2.2
pr. 1 pr. 29 lay 29 lay 29 luly 28 luly 24 luly 28 luly 28 c-25-4)27bab-1. cov. 2 luly 29 luly 29 luly 21 luly 22 luly 22 luly 22 luly 22 luly 29 luly 20 luly	45.6 46.0 45.8 44.1 41.3 39.4 Record -63.0 65.1 64.6 64.5 66.6 67.0 67.1 67.1 67.1 67.3	June 2 July 1 Aug. 1 Sept. 4 Oct. 1  Bar. 6, 1 Apr. 1 Apr. 1 Aug. 5 June 2 July 1 Aug. 1 Sept. 4 Oct. 1 Nov. 3 Dec. 1	34.2 31.1 28.7 29.8 31.5 1956-60 1958 -66.0 66.3 55.8 56.4 51.6 54.9 57.3 59.3 61.4	Aug. 26 Sept. 28 Oct. 26 Nov. 23 Dec. 28 July 27, 1959 Aug. 24 Sept. 28 Oct. 26 Nov. 23 Dec. 26 Jun. 25, 1960 Feb. 25 Mar. 29 Apr. 26	-60.3 -59.7 -60.6 -62.7 -64.3 -65.2 -65.2 -64.8	Apr. 30 May 31 June 26 July 25 Sept. 3 Sept. 30 Nov. 6 (D-21-1)6cdm-1. Aug. 15, 1956 Sept. 5 Dec. 5 Jan. 3, 1957 Feb. 27 Apr. 2 Apr. 30 May 31	19.9 149.8 149.1 149.1 149.1 149.2 Records 2.9 3.2 3.5 3.6 3.0 2.2	Oct. 3 Nov. 4 Nov. 28 Dec. 30 Jan. 29, 1959 Feb. 26 Avs1lable 1956- Dec. 3, 1957 Jan. 2, 1958 Feb. 4 Apr. 3 June 3 July 2 June 3 July 2 Aug. 5	48.5 48.6 48.7 48.9 48.8 - 2.6 2.6 2.6 2.6 2.9 2.2 1.3 11.5	Jan. Feb. Mar. Apr. May June  Dec. Jan. Feb. Mar. Apr. May June July Aug.	26, 1960 29 28 28 28 27 21 30, 1958 29, 1959 26 25 26 26 26 26 26 27	+9.0 +9.0 +9.0 +8.5 +8.6 -3.1 2.8 2.7 2.9 2.2 1.9 2.4
ppr. 1 ppr. 29 tay 29 tay 29 tuty 24 tuty 24 tuty 24 tuty 24 tepr. 19, 1956 tot. 19, 1956 tot. 2 tov. 30 tan. 3, 1957 tan. 3, 1957 tan. 2, 1957 tan.	8ecord -63.0 -65.1 64.5 66.6 67.1 67.7 65.3 67.7 65.3 63.6	June 2 July 1 Aug. 1 Sept. 4 Oct. 1 Sept. 4 Oct. 1 June 2 July 5 June 2 July 1 Aug. 1 Sept. 4 Oct. 1 Sept. 4 Oct. 3 Dec. 3	34.2 31.1 28.7 29.8 31.5 1956-60 1958 -66.0 55.4 55.4 55.4 57.3 59.3 62.4 57.3 57.3 66.4 66.3	Aug. 26 Sept. 28 Oct. 26 Nov. 23 Dec. 28 July 27, 1959 Aug. 2k Sept. 28 Oct. 26 Nov. 23 Dec. 26 Jun. 27, 1960 Feb. 25 Har. 29	38.9 39.9 41.1 41.6 42.6 42.6 60.7 60.6 62.7 64.3 64.9 65.1	Apr. 30 May 31 June 26 July 25 Sept. 30 Nov. 6 (D-21.1)6cdm-1. Aug. 15, 1956 Sept. 5 Oct. 5 Dec. 4 June 37 Apr. 12 Apr. 12 Apr. 13 Apr. 30 Apr. 30 Apr. 30 Apr. 31 June 26	19.9 19.8 19.1 19.1 19.2 Records - 2.8 3.0 2.9 3.2 3.4 3.5 3.0	Oct. 3 Nov. 4 Nov. 28 Dec. 30 Jan. 29, 1959 Feb. 26 Available 1956- Dec. 3, 1957 Jan. 2, 1958 Peb. 4 Mar. 5 Ayr. 3 May 6 June 3 July 2	48.5 48.7 48.7 48.9 48.8 - 2.6 2.6 2.6 2.9 2.2 1.3 1.5 1.9	Jan. Feb. Mar. Apr. May June  Dec. Jan. Feb. Mar. Apr. May June  Dec. Jan. Feb. Mar. Apr. May June July Aug. Sept.	26, 1960 29 28 28 28 27 21 21 30, 1958 29, 1959 26 25 28 26 26	49.0 49.0 49.0 48.7 48.5 48.6 2.7 3.0 2.9 2.2 1.9 2.1 2.4
hpr. 1 hpr. 29 hay 29 hay 29 huly 24 hulg, 28 hulg, 28 huly, 28 huly, 28 huly, 28 huly, 29 huly, 24 hu	45.6 46.0 45.8 44.1 41.3 39.4 Record -63.0 65.1 64.5 66.6 67.0 67.1 67.7 65.3 63.6 61.5	June 2 July 1 Aug. 1 Sept. 4 Oct. 1 Sept. 4 Oct. 1 May 5 June 2 July 1 Aug. 1 Sept. 4 Oct. 1 Nov. 3 Dec. 1 Dec. 30 Jan. 28, 1	34.2 31.1 28.7 29.8 31.5 1956-60 1958 -66.0 55.4 55.4 55.4 57.3 59.3 62.4 57.3 57.3 66.4 66.3	July 27, 1959 July 27, 1959 Aug. 26 Sept. 28 July 27, 1959 Aug. 26 Orov. 23 Dec. 26 Jun. 25, 1960 Feb. 25 Mar. 29 Apr. 26 May 23 June 20	38.9 39.9 39.9 41.1 41.6 42.6 42.6 59.7 60.7 60.7 64.3 64.9 65.1 64.3 64.9 65.1 64.2	Apr. 30 May 31 June 26 July 25 Bept. 3 Sept. 30 Mov. 6  (D-21-1)6cdm-1. Aug. 15, 1956 Sept. 27 Dec. 4 June. 3, 1957 Peb. 27 Apr. 2 Apr. 30 May 31 June 26 July 25	19.9 49.8 49.1 49.1 49.2 8ecords - 2.8 3.0 2.9 3.2 3.5 3.0 2.7	Oct. 3 Nov. 4 Nov. 28 Dec. 30 Jan. 29, 1959 Feb. 26 avsilable 1956- Dec. 3, 1957 Jan. 2, 1958 Feb. 4 Mar. 5 Apr. 3 May 6 June 3 July 2 Aug. 5 Sept. 3	48.5 48.6 48.7 48.9 48.8 - 2.6 2.6 2.6 2.6 2.9 2.2 1.3 11.5	Jan. Feb. Mar. Apr. May June  Dec. Jan. Feb. Mar. Apr. May June July Aug. Sept. Oct.	26, 1960 29 28 28 28 27 21 21 30, 1958 29, 1959 26 25 28 28 28 28 27 27 27	49.0 49.0 48.7 48.5 48.6 2.7 3.0 2.9 2.2 1.9 2.4 2.7 2.3
ppr. 1 ppr. 29 tay 29 tay 29 tuty 24 tuty 24 tuty 24 tepr. 19, 1956 tot. 19, 1956 tot. 2 tov. 30 tan. 3, 1957 tan. 3, 1957 tan. 3, 1957 tan. 2, 1957 tan. 2, 1957 tan. 2, 295 tay 29 tay 29 tay 28 tay 28	45.6 46.8 44.1 41.3 39.4 Record -63.0 65.1 64.5 66.6 67.1 67.1 67.1 67.3 63.6 61.5 9.1	June 2 July 1 Aug. 1 Sept. 4 Oct. 1  s available Her. 6, 1 Apr. 1 May 5 June 2 July 1 Aug. 1 Sept. 4 Oct. 1 Dec. 3 Dec. 3 Jan. 28, 1 Mar. 2 Mar. 2	34.2 31.1 28.7 29.8 31.5 1956-60 1958 -66.0 55.6 55.6 55.4 55.8 55.4 55.8 55.4 55.9 57.3 39.3 62.0 59.9 62.0 62.0 62.0 62.0 62.0 62.0 62.0 62.0	Aug. 26 Sept. 28 Oct. 26 Mov. 23 Dec. 28 July 27, 1959 Aug. 24 Sept. 28 Oct. 26 Nov. 23 Dec. 28 Jun. 25, 1960 Feb. 25 Har. 29 Apr. 26 May 23 July 25	38.9 39.9 39.1 41.6 42.6 42.6 60.7 60.7 60.7 64.9 65.1 64.8 61.2 62.2	Apr. 30 May 31 June 26 July 25 Bept. 3 Bov. 6  (D-21-1) 6cdm-1. Aug. 15, 1956 Sept. 5 Dec. 4 June 27 Apr. 30 Apr. 30 June 26 July 25 Aug. 30 Apr. 30 June 26 July 25 Aug. 30	H9.9 H8.8 H9.1 H9.1 H9.1 H9.2 Records - 2.8 3.0 2.9 3.4 3.5 3.0 2.2 1.7	Oct. 3 Nov. 4 Nov. 28 Dec. 30 Jan. 29, 1959 Peb. 26 avmilable 1956- Sept. 3, 1957 Jan. 2, 1958 Mar. 5, 1958 May 6 June 3 July 2 Aug. 5 Sept. 3 Oct. 3	48.5 48.6 48.7 48.9 48.8 - 2.6 2.6 2.6 2.6 2.9 2.2 1.3 1.9 1.9	Jan. Feb. Mar. Apr. May June  Dec. Jan. Feb. Mar. Apr. May June July Sept. Oct. Nov.	26, 1960 29 28 28 28 27 21 21 30, 1958 29, 1959 26 25 26 26 26 27 28 28	49.0 49.0 48.7 48.5 48.6 2.7 3.0 2.9 2.2 1.9 2.4 2.7 2.3
hpr. 1 hpr. 29 day 29 fune 25 huly 24 dug. 28 huly 24 huly 28 hot. 19, 1956 hot. 1, 1956 hot. 2 hov. 2 hov. 3 hov.	8ecord -63.0 65.1 64.6 65.1 64.6 66.6 67.1 67.1 67.1 67.3 63.6 61.5 99.1 57.1 57.1	June 2 July 1 Aug. 1 Sept. 4 Oct. 1 Here e evallable mar. 6, 1 Aug. 5 June 2 July 1 Aug. 5 June 2 July 1 Aug. 1 Dec. 1 Dec. 3 Dec. 3 Dec. 3 Mar. 2 Mar. 24 ADF. 4 ADF. 3	34.2 31.1 28.7 29.8 31.5 1956-60 1958 -66.0 66.3 55.8 56.4 51.6 54.9 9 57.3 59.3 62.0	Aug. 26 Sept. 28 Oct. 26 Hov. 23 Dec. 28 Dec. 28 Sept. 28 Oct. 28 Oct. 28 Nov. 28 Dec. 28 Dec. 28 June 28 May 29 June 20 July 27 May 23 June 20 July 25 Aug. 30	38.9 39.9 41.1 41.6 42.6 42.6 60.7 60.6 62.7 64.3 64.9 65.2 65.1 64.2 62.2 62.2 63.1	Apr. 30 May 31 June 26 July 25 Bept. 3 Bov. 6  (D-21-1) 6cdm-1. Aug. 15, 1956 Sept. 5 Dec. 4 June 27 Apr. 30 Apr. 30 June 26 July 25 Aug. 30 Apr. 30 June 26 July 25 Aug. 30	Records - 2.8 - 3.0 2.9 3.2 3.4 3.5 3.0 2.7 1.7 1.7	Oct. 3 Nov. 4 Nov. 28 Dec. 30 Jan. 29, 1959 Feb. 26 avsilable 1956- Dec. 3, 1957 Jan. 2, 1958 Feb. 4 Mar. 5 Apr. 3 May 6 Jule 3 July 2 Aug. 5 Sept. 3 Oct. 3 Nov. 4	48.5 48.6 48.7 48.9 48.8 - 2.6 2.6 2.6 2.6 2.9 1.3 1.5 1.9 1.9 2.7	Jan. Feb. Mar. Apr. May June  Dec. Jan. Feb. Mar. Apr. May June July Sept. Oct. Nov.	26, 1960 29 28 28 28 27 21 21 30, 1958 29, 1959 26 26 26 26 26 26 27 29 29	49.0 49.0 48.7 48.5 48.6 2.7 3.0 2.9 2.2 1.9 2.4 2.7 2.3
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ppr. 1 ppr. 29 lay 29 lay 29 luly 24 luly 24 luly 24 lept. 19, 1956 lov. 2 lov. 30 lan. 31 leb. 26 lppr. 29 luly 29 luly 28 leb. 26 lppr. 29 luly 28 leb. 26 lppr. 29 luly 28 leb. 26 lppr. 29 luly 28 lept. 27 luly 28 lept. 27 luly 28 lept. 27 luly 28 lept. 27 luly 28 lept. 28 lept. 28 lept. 27 luly 28 lept. 2	Record -63.0 -65.1 -64.6 -67.1 -67.7 -65.3 -65.6 -67.1 -67.1 -67.7 -65.3 -65.6 -67.1 -65.3 -65.6 -67.1 -65.3 -65.1 -65.1 -65.3 -65.1	June 2 July 1 Aug. 1 Sept. 4 Oct. 1  May 5 June 2 July 1 Apr. 1 Sept. 4 Oct. 1  Nov. 3 Dec. 1 Dec. 3 Dec. 1 June 2 June 2 June 3 June 2 July 1 Aug. 1 Aug. 1 Aug. 1 Aug. 3 June 2 Aug. 3 Mar. 2 Mar. 2 Mar. 3 Mar. 4 Apr. 3 Mar. 3 Mar. 4 Apr. 30 Mar. 4 Apr. 5	34.2 31.1.1 28.7, 29.8, 31.5 1956-60 1958 -66.0 62.3, 55.8, 56.4, 57.4, 99.3 62.0 62.8 63.3, 63.3, 60.2	Aug. 26 Sept. 28 Oct. 26 Mov. 23 Dec. 28 July 27, 1959 Aug. 24 Sept. 28 Get. 28 Jun. 25 Jun. 25, 1960 Peb. 25 Mar. 26 Apr. 26 May 23 June 25 May 25 May 25 May 25 May 25 May 25 May 25 May 25 May 26 May 26 Ma	-60.3 59.7 60.7 60.7 62.7 64.3 65.2 65.1 64.8 61.2 62.2 61.1 63.9	Apr. 30 Hay 31 June 25 Jappt 3 Sept 5 Oct. 5 Dec. 5 Dec. 5 Page 30 Apr. 27 Apr. 27 Apr. 30 Bay 30	49.9 49.8 49.1 49.1 49.1 49.2 8ecords - 2.8 3.0 2.9 3.2 3.4 3.5 3.0 2.2 1.7 1.7 1.7 2.0 2.6	Oct. 3 Nov. 4 Nov. 28 Dec. 30 Jan. 29, 1959 Peb. 26 Dec. 3, 1957 Jan. 2, 1958 Peb. 4 Nar. 5 June 3 July 2 Aug. 5 Sept. 3 Oct. 3 Nov. 4 Nov. 28	48.5 48.6 48.7 48.9 48.8 - 2.6 2.6 2.6 2.6 2.9 2.2 1.5 1.9 1.9 2.7 3.1	Jan. Feb. Mar. Apr. May June  Dec. Jan. Feb. Mar. Apr. May June July Sept. Oct. Nov.	26, 1960 29 28 28 28 27 21 21 30, 1958 29, 1959 26 26 26 26 26 26 27 29 29	49.0 49.0 48.7 48.5 48.6 2.7 3.0 2.9 2.2 1.9 2.4 2.7 2.3
ppr. 1 ppr. 29 aya 25 a	45.6 46.6 45.8 44.1 41.3 39.4 -63.0 65.1 64.6 64.5 66.6 67.0 67.1 67.1 67.1 67.1 67.1 67.1 67.1 67.1	June 2 July 1 Aug. 1 Sept. 4 Oct. 1	34.2 31.1.1 28.7, 29.8, 3 31.5 1956-60 1958 -66.0 55.8, 66.3 55.4, 66.3 56.4, 51.6 54.9 57.3 62.0 62.8, 66.2 57.4	Aug. 26 Sept. 28 Oct. 26 Nov. 25 Dec. 26 Sept. 26 Oct. 26 Nov. 25 Dec. 26 Nov. 25 Mar. 29 Mar.	38.9 39.9 41.1 41.6 42.6 42.6 59.7 60.6 64.7 64.3 64.9 65.2 65.1 64.1 60.2 64.1 63.9 65.7	Apr. 30 May 31 June 26 Japan 33 Sept. 33 Sept. 33 Sept. 30 Rov. 6  [D-21-1)6cds-1. Aug. 13, 1956 Sept. 5 Oct. 5 Dec. 4 Japan 27 Apr. 27 Apr. 30 May 31 June 26 Apr. 30 June 26 Apr. 30 Boy. 6  [D-21-1)19bbc-2. [D-21-1)19bbc-3.	\$9.9 \$9.9 \$9.2 \$8.8 \$49.1 \$49.	Oct. 3 Nov. 4 Nov. 2 No	48.5 48.6 48.7 48.7 48.9 48.8 -2.6 2.6 2.6 2.6 2.9 2.2 1.3 1.5 1.9 1.9 1.9 1.9	Jan. Peb. Mar. Apr. May June  Dec. Jan. Peb. Mar. Apr. May June  July Apr. May June  July Apr. May June  May June  May May May May May May May May May Ma	26, 1960 29 28 28 28 27 21 21 21 23 30, 1958 29, 1959 25 25 26 26 27 29 28 27 29 28 27 29 29 29 29 29 29 29 29 29 29 29 29 29	49.0 49.0 49.0 48.7 48.6 48.6 -3.1 2.8 2.8 2.9 2.1 2.9 2.1 2.4 2.7 2.7 2.9
ppr. 1 ppr. 29 aya 25 a	45.6 46.0 45.8 44.13 39.4 141.3 39.4 164.6 66.6 67.0 67.1 67.1 67.1 67.1 65.3 63.6 61.5 65.7 65.7	June 2 July 1 Aug. 1 Sept. 4 Oct. 1  Har. 5, 1 Apr. 5 June 2 July 1 Sept. 4 Oct. 1  Sept. 4 Oct. 1  June 2 July 1 Aug. 1 Sept. 4 Oct. 1  June 2 July 1 Aug. 3 June 2 July 1 Aug. 3 June 2 July 1 Aug. 1 Sept. 4 Oct. 1 June 2 July	34.2 31.1.1 28.7 28.8 31.5 1956-60 1958 -65.0 55.8 56.4 51.6 54.9 57.3 59.3 62.0 62.0 62.0 62.0 62.0 62.0 62.0 62.0	Aug. 26 Sept. 28 Oct. 26 Mov. 23 Dec. 26 July 27, 1959 Aug. 26 Sept. 26 Sept. 25 Dec. 26 Jec. 26 Jec. 25 Jec. 25 Jec. 25 Agr. 26 Agr. 26 Mov. 21 Dec. 25 Mov. 25 Mov. 25 Dec. 25 Mov. 25 Mov. 25 Mov. 25 Dec. 25 Mov.	38.9 39.9 41.1 41.6 42.6 -59.7 60.6 62.7 64.3 64.9 65.2 65.1 64.8 61.2 62.2 63.9 65.7	Apr. 30 May 15, 1376  (D-21-1)6cda-1.  Aug. 15, 1376  Obc. 15  Obc. 15  Dec. 1, 1957  Apr. 2  Apr. 31  June 26  Apr. 31  June 26  Aug. 30  Bapt. 30  Bov. 6	\$9.9 \$9.9 \$9.2 \$8.8 \$49.1 \$49.1 \$49.2 \$3.0 \$2.9 \$3.2 \$3.0 \$2.2 \$1.7 \$1.7 \$1.7 \$1.7 \$1.7 \$1.9 \$2.6 \$1.5 \$1.5 \$1.5 \$1.5 \$1.5 \$1.5 \$1.5 \$1.5	Oct. 3 Nov. 4 Nov. 28 Nov. 3 Nov. 4 Nov. 28 Nov. 28 Nov. 28 Nov. 28 Nov. 28 Nov. 28	48.5 48.6 48.7 48.7 48.9 48.8 2.6 2.6 2.6 2.6 2.9 2.2 1.3 1.5 1.9 1.9 2.7 3.1	Jan. Peb. Mar. Apr. May June  Dec. Jan. Feb. Mar. Apr. Mar. Apr. Mar. Apr. Apr. Apr. Apr. Apr. Apr. Apr. Ap	26, 1960 29 28 28 28 28 27 21 30, 1958 29, 1959 26 28 28 28 27 29 28 29 29 29	49.0 49.0 49.0 48.7 48.6 48.6 -3.1 2.8 2.8 2.9 2.1 2.9 2.1 2.4 2.7 2.7 2.9
ppr. 1 ppr. 29 aya 25 a	45.6 46.0 45.8 44.13 39.4 141.3 39.4 65.0 65.1 64.6 67.0 67.1 67.7 65.3 63.6 61.5 59.1 59.1 65.7 65.7	June 2 July 1 Aug. 1 Sept. 4 Oct. 1  e available bar. 6, 1 Apr. 1 June 2 June 1 June 2 June 1 June 2	34.2 31.1. 28.7 29.8 31.5 1956-60 1958 -66.0 62.4 55.6 56.4 57.7 62.9 62.9 62.9 62.9 62.9 62.9 62.9 62.9	Aug. 26 Sept. 28 Oct. 26 Oct. 27 Oct.	38.9 39.9 41.1 41.6 42.6 42.6 59.7 60.6 62.7 64.3 64.9 65.2 65.1 64.1 60.2 64.1 63.9 65.7	Apr. 30 May 31 June 26 Spr. 3 Sept. 3 Sept. 3 Sept. 5 Oct. 5 Dec. 4 Jan. 3, 1957 Peb. 2 Apr. 30 June 26 June 26 Apr. 30 June 26 June 30 June 26 June 30 June 26 June 27 June 26 June 26 June 27 June 26 June 27 June 26 June 27 June 27 June 26 June 27 June 2	\$9.9 \$49.8 \$49.1 \$49.1 \$49.1 \$49.2  Records 3.0 2.9 3.4 3.5 3.0 2.2 1.7 1.7 1.7 1.9 2.6	Oct. 3 Nov. 28 Nov. 28 Nov. 29 Nov. 29 Nov. 29 Nov. 29 Nov. 29 Nov. 29 Nov. 26  available 1956 Dec. 3, 1957 Jan. 2, 1958 May 6 June 3 July 2 Aug. 3 Nov. 26  available 1956 Jan. 2, 1958 Pab. 4 Nov. 26  available 1956 Jan. 2, 1958 Pab. 4 Nov. 26  available 1956 Jan. 2, 1958 Pab. 4 Nov. 26  App. 3	48.5 48.6 48.7 48.7 48.9 48.8 2.6 2.6 2.6 2.9 2.2 1.3 1.5 1.9 1.9 1.9 2.7 3.1	Jan. Feb. Mar. Apr. Apr. May June  Dec. Jan. Feb. Mar. Apr. May June  July Aug. Sept. Oct. Nov. Dec.	26, 1960 28 28 28 27 21 21 21 21 21 21 21 21 21 21 21 21 21	49.0.4 49.0.4 48.7 48.6 48.6 -3.1 2.8 2.7 3.0.9 2.2 2.1 2.4 2.7 2.3 2.7 2.7 2.3 2.7 2.7 2.3 2.7 2.7 2.3 2.7 2.7 2.7 2.7 2.7 2.7 2.7 2.7 2.7 2.7
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ppr. 1 ppr. 29 lay 29 l	45.6 46.0 45.8 46.0 45.8 46.0 45.8 46.0 45.8 46.0 45.8 46.0 45.8 46.0 45.8 46.0 45.8 46.0 45.8 46.0 45.8 46.0 46.0 46.0 46.0 46.0 46.0 46.0 46.0	June 2 July 1 Aug. 1 Sept. 4 Oct. 1  s available s ava	34.2 31.1 28.7 31.5 39.8 31.5 31.5 39.8 30.7 30.8 30.8 30.8 30.8 30.8 30.8 30.8 30.8	Aug. 26 Sept. 28 Oct. 26 Nov. 23 Dec. 26 Sept. 28 Sept. 29 Dec. 26 May. 23 June 20 July 25 Aug. 30 Sept. 29 Dec. 22 Dec. 22 Dec. 25 Dec. 27 Sept. 29 Sept. 2	38.9 39.9 41.1 41.6 42.6 42.6 59.7 60.7 60.7 64.3 64.3 65.2 62.2 63.9 64.8 61.1 63.9 64.3 64.8 63.9 64.8 64.8 64.8 64.8 64.8 64.8 64.8 64.8	Apr. 30  Apr. 30  Apr. 30  Apr. 31  June 26  [D-21-1)(cdm-1.  Aug. 15, 1976  Sept. 5  Dec. 1, 1976  Apr. 30  Bov. 6  [D-21-1)(sdm-1.  Aug. 15, 1976  Apr. 30  Apr. 30  Bov. 6  [D-21-1)(sdm-1.  Aug. 15, 1976  Apr. 30  Bov. 6  [D-21-1)(sdm-1.  Aug. 15, 1976  Aug. 30  Bov. 6  [D-21-1)(sdm-1.  Aug. 15, 1976  Bov. 6  Dec. 3  June 26  June 26  Aug. 10, 1976  Bov. 6  Bov. 6  Aug. 10, 1976  Bov. 6  Bov. 6  Bov. 10, 1976  Bov. 20, 1976  Bov. 20, 1976  Bov. 30  Bov. 30  Bov. 6  Bov. 10, 1976  Bov.	19:99 18:80 19:24 18:80 19:14 19:11 19:12	Oct. 3 Nov. 4 Nov. 2 Nov. 2 Nov. 2 Nov. 30 Dec. 30 July 2 Nov. 26 Nov. 26 Nov. 26 Nov. 26 Nov. 3 Nov. 4 Nov. 4 Nov. 26 Nov. 26 Nov. 26 Nov. 3 Nov. 4 Nov. 26 Nov. 3 Nov. 5 Nov. 5 Nov. 5	\$8.5 \\ \$48.6 \\ \$48.7 \\ \$48.9 \\ \$48.6 \\ \$48.7 \\ \$48.9 \\ \$48.6 \\ \$48.7 \\ \$48.9 \\ \$48.6 \\ \$48.7 \\ \$48.9 \\ \$48.6 \\ \$48.6 \\ \$48.7 \\ \$48.9 \\ \$48.0 \\ \$48.	Jan. Peb. Mary June Dec. Jan. Peb. Mary June May June May June May June June June June June June June June	26, 1960 28, 28 28, 21 21 21 230, 1958 29, 1959 20, 1959 21 22 23 24 27 29 26 27 29 20 20 21 21 21 21 21 22 23 24 25 27 27 28 29 29 20 20 20 20 20 20 20 20 20 20	49.0.49.0.49.0.49.0.49.0.49.0.49.0.49.0
ppr. 1 ppr. 29	45.6 46.0 ks.8 Record 66.6 66.6 67.0 67.7 65.3 66.5 64.5 64.5 65.7 65.7 65.7 65.7 65.7 65.7 65.7 65	June 2 July 1 Aug. 1 Aug. 1 Aug. 1 Aug. 1 Aug. 1 Oct. 1  Oct. 1  Oct. 1  June 2  July 1  Aug. 1  Sov. 3  Dec. 1  Dec. 1  Sov. 3  Dec. 1  Dec.	34.2 31.1 28.7 31.5 31.5 31.5 31.5 31.5 31.5 31.5 31.5	Aug. 26 Sept. 28 Oct. 26 Oct. 26 Nov. 26 Dec. 26 Nov. 28 Dec. 26 Oct. 26 Nov. 28 Dec. 27 Nov. 28 Dec. 28 Nov. 29 Dec. 28 Nov. 29 Dec. 29 Nov. 29 Nov. 29 Dec. 29 Dec. 29 Nov. 29 Dec.	38.9 39.9 41.1.1 41.6 42.6 42.6 60.3 60.7 64.9 65.2 65.1 64.8 65.2 65.2 65.2 65.1 64.1 65.2 65.2 65.3 64.3 65.2 65.3 65.3 65.3 64.9 65.7	Apr. 30 May 31 June 26 Japan 33 Sept. 33 Sept. 33 Sept. 30 Nov. 6    Dec. 1, 1956 Sept. 5 Oct. 5 Dec. 1, 20 Apr. 30 Apr. 30 July 26 Apr. 30 Ap	19:99 19:00 18:00	Oct. 3 Nov. 4 Nov. 2 No	\$8.5 & 6.6 & 6.7 & 6.8 & 6.6 & 6.7 & 6.8 &	Jan. Peb. Mar. Apr. May June  Dec. Jan. Peb. Mar. Apr. Apr. Apr. May June  May  May  May  May  May  May  May  Ma	26, 1960 26, 1960 28, 1960 29, 1972 21, 1, 1988 30, 1959 20,	49.0.49.0.49.0.49.0.49.0.49.0.49.0.49.0
hpr. 1 hpr. 29 day 29 day 29 day 29 hily 28 day 29 hily 28 hily 28 day 29 hily 28 day 29 hily 28 day 29 day 29 hily 28 day 29 day	45.6 46.0 45.8 46.0 45.8 46.0 45.8 46.0 45.8 46.0 46.0 46.0 46.0 46.0 46.0 46.0 46.0	June 2 July 1 Aug. 1 Sept. 4 Oct. 1   sequilibrium sequil	34.2 31.1 22.1 31.1 22.1 31.5 31.5 31.5 31.5 31.5 31.6 31.6 31.6 31.6 31.6 31.6 31.6 31.6	Aug. 26 Sept. 28 Oct. 26 Nov. 23 Dec. 28 Dec. 28 Sept. 28 Sept. 28 Dec. 28 Sept. 29	38.9 39.9 41.1.6 42.6 42.6 59.7 60.6 62.7 64.9 65.1 64.1 60.2 64.1 60.2 64.1 63.9 65.7 Water con, and lable	Apr. 30  May 31  July 23  Bept. 30  Mov. 6  (D-21-1)6cda-1.  Aug. 15, 1956  Bot. 5  Dec. 1, 5  Dec. 1, 5  Dec. 1, 1957  Apr. 2  Apr. 30  Hov. 6  (D-21-1)19bbc-2.  Aug. 16, 1956  Bept. 5  Oct. 5  Bot. 5  Oct. 5  Bot. 5  Aug. 30  Bov. 6  (D-21-1)19bbc-2.  Aug. 10, 1956  Bov. 5  Aug. 30  Bov. 6  (D-21-1)19bbc-2.  Aug. 30  Bov. 5  Oct. 5  Bov. 5  Aug. 30  Bov. 6  (D-21-1)19bbc-2.  Aug. 10, 1956  Bov. 5  Aug. 30  Bov. 6  (D-21-1)19bbc-2.  Aug. 30  Bov. 6  Apr. 2  Apr. 2  Apr. 30  Bov. 6  July 25  Apr. 30  July 25  Apr. 30  July 25  Aug. 30	19:99 19:00 18:00	Oct. 3 Nov. 48 Nov. 28 Nov. 29 Nov. 29 Nov. 29 Nov. 29 Nov. 29 Nov. 26 Nov. 3 Nov. 3 Nov. 26 Nov. 26 Nov. 3	48.5 46.6 46.7 46.9 47.1 48.9 48.6 48.7 48.9 48.6 48.7 48.9 48.6 48.7 48.8 48.8 48.8 48.8 48.8 48.8 48.8	Jan. Preb. Mar. Apr. May June  Dec. Jan. Preb. Mar. Apr. May June July July June July July July July July July July July	26, 1960 28, 28 28, 21 21 21 230, 1958 29, 1959 20, 1959 21 22 23 24 27 29 26 27 29 20 20 21 21 21 21 21 22 23 24 25 27 27 28 29 29 20 20 20 20 20 20 20 20 20 20	49.0. 49.0.
ppr. 1 ppr. 29 ay	45.6 46.0 45.8 4.1 41.3 39.4 41.3 39.4 41.3 39.4 41.3 39.4 41.3 39.4 41.3 39.4 41.3 41.3 41.3 41.3 41.3 41.3 41.3 41	June 2 July 1 Aug. 30 Aug. 31	34.2 31.1 28.7 31.5 31.9 39.6 30.7 30.6 30.6 30.6 30.6 30.6 30.6 30.6 30.6	Aug. 26 Sept. 28 Oct. 26 Oct. 27 Oct.	38.9 39.9 41.1.6 42.6 42.6 59.7 60.7 60.7 60.3 65.1 64.3 65.1 64.3 65.1 63.9 65.1 63.9 63.9 63.9 63.9 63.9 63.9 63.9 63.9	Apr. 30 May 31 June 26  [D-21-1)(cols-1. Aug. 15, 1976 Sept. 5 Oct. 5 Dec. 4 Apr. 30 July 25 Aug. 31 June 26 July 25 Aug. 30 July 35 Aug. 30 July 35 Aug. 30 A	19:99 49:149:149:149:149:149:149:149:149:149:1	Oct. 3 Nov. 4 Nov. 4 Nov. 4 Nov. 20 Nov. 30 Nov. 30 Nov. 30 Nov. 30 Nov. 26 Nov. 28 Nov. 29 No	48.5 46.6 46.7 46.9 59 -2.6 2.6 2.6 2.9 2.2 1.9 1.9 2.7 3.1 3.1 13.1 13.1 13.1 13.1 13.1 13.1	Jan. Preb. Mar. June  Dec. Jan. Apr. May June  Dec. Jan. Apr. May Mar. May June  July  May June  July  May June  July  May June  July  June  July  June  July  June  July  June  July  June  Jun	26, 1960 26, 1960 28, 1960 29, 1971 20, 1978 20, 1979 20, 19	49.0. 49.0.
hpr. 1 hpr. 29 hay 29 h	45.6 46.0 45.8 46.0 45.8 46.0 45.8 46.0 45.8 46.0 46.0 46.0 46.0 46.0 46.0 46.0 46.0	June 2 July 1 Aug. 1 Sept. 4 Oct. 1   sequilibrium sequil	34.2 31.1 22.1 31.1 22.1 31.5 31.5 31.5 31.5 31.5 31.5 31.5 31	Aug. 26 Sept. 28 Oct. 26 Nov. 23 Dec. 28 Dec. 28 Sept. 28 Sept. 28 Dec. 28 Sept. 29	38.9 41.1 42.6 42.6 42.6 62.7 64.3 66.2 64.1 66.2 64.1 65.7 Whater coop, and labels 12.8 81.1 44.7 9.5 10.0 9.5	Apr. 30 May 31 June 26  [D-21-1)(cols-1. Aug. 15, 1976 Sept. 5 Oct. 5 Dec. 4 Apr. 30 July 25 Aug. 31 June 26 July 25 Aug. 30 July 35 Aug. 30 July 35 Aug. 30 A	19:99 19:00 18:00	Oct. 3 Nov. 4 Nov. 4 Nov. 4 Nov. 20 Nov. 30 Nov. 30 Nov. 30 Nov. 30 Nov. 26 Nov. 28 Nov. 29 No	48.5 46.6 46.7 46.9 47.1 48.9 48.6 48.7 48.9 48.6 48.7 48.9 48.6 48.7 48.8 48.8 48.8 48.8 48.8 48.8 48.8	Jan. Preb. Mar. June  Dec. Jan. Apr. May June  Dec. Jan. Apr. May Mar. May June  July  May June  July  May June  July  May June  July  June  July  June  July  June  July  June  July  June  Jun	26, 1960 26, 1960 28, 28, 28, 28, 28, 28, 28, 28, 28, 28,	-3 -3 -3 2.k. -3 2.k. 2.

Table 3 .-- Water levels and artesian pressures in observation wells in parts of Sampete, Sevier, and Piute Counties, Utah - Continued

(C-27-3)7ddd-1. Water-level recorder installed Feb. 9, 1961. Water levels reported for subsequent dates are at noon, as are taken from recorder graphs. Records available (C-28-3)5cba-1 Jan. 28, 1959 29, Mar. Mar. May May 41.5 42.2 41.8 30.4 Feb. 25 29 26 Jan. Feb. 1961 43.5 44.2 45.6 1956-61 -28.1 31.8 23 - 9.7 Aug. Apr. Mar. 40.3 39.3 38.4 38.9 40.0 Sept. 14.9 23.5 28.3 Apr. May 26 29.1 25 32.8 Apr. May 25 22 31.8 33.6 34.1 34.1 34.4 33.9 35.0 Aug. 32.6 Nov. Sept. 17.9 27.7 32.5 33.8 34.1 34.3 34.6 34.8 35.1 34.7 July 27 July 25 Aug. 30 Sept. 26 July July 41.3 30.2 31.9 32.6 32.8 Aug. 24 Sept. 28 34.9 July 2, 1957 Nov. Aug. Jan. Aug. 22 Sept. 25 Sept. 24, 1962 41.6 Jan. Feb. 31 26 Oct. Nov. 26 23 28 37.2 38.3 Oct. 25 Nov. 25 40.6 41.5 30 28, 1959 Dec. Apr. Jan. 33.0 Nov. Dec. 39.6 25 29 26, 1961 May June Jan. (C-30-3)15bba-1. Water-level recorder operated from Oct. 26, 1956, to May 11, 1960. Water levels reported between these dates are at noon, and are taken from recorder graphs. 29 25 24 28 27 Mar. Feb. 28 May Aug. Sept. 25.6 June July 25 27 19.7 Apr. May 32.9 16.8 Records available 1935-62 -15.7 | Oct. 24, 1958 -16.7 19.8 | Dec. 1 18.2 -18.7 Sept. 30.1 Aug. Sept. 24 28 31.9 June July 21.9 29.7 30.0 Oct. 31 Nov. 20.6 31 31, 1959 28 31 23.8 25.7 27.7 28.1 Dec. Jan. Feb. 20.9 Dec. Jan. Feb. 34.3 34.3 34.9 35.1 34.9 31.1 31.8 32.4 Oct. 26 Aug. Sept. Oct. Dec. Dec. 30 31, 28 17 28 3, 1958 6 Feb. Nov. Dec. 23 28 30 31 30 29.2 29.6 30.7 Jan. Feb. 1957 26.3 27.3 27.4 24.3 19.7 23.7 23.9 18.8 23 Mar. Mar. Mar. 25, 1960 25 Apr. May July July 25.9 17.6 15.2 12.4 Jan. Feb. Mov. Dec. Apr. Mar. 21 Apr. May May 16.0 15.1 14.8 14.5 13.1 18.4 20.5 22.3 24.5 25.4 26.8 22.0 May 30 Records available 1956-61
-45.1 May 5, 1958 -46.2
44.4 June 2 43.3
44.4 July 1 44.0 (C-27-3)32add-1. Aug. 5, 1956 Sept. 4 June 30 31 July Aug. 25, 1960 25 29 26 14.5 13.8 14.7 Aug. Aug. Sept. Oct. 43.3 Peb. Mar. 44.2 45.1 46.4 Aug. Sept. Sept. 30 26 Sept. 13.2 Nov. Aug. Sept. Oct. 43.6 43.3 43.6 Oct. 19.1 Nov. 44.4 Apr. 23.6 42.8 May June Nov. Dec. 30 31 21.9 Dec. Jan. 45.2 44.5 45.7 45.7 45.7 45.2 44.6 45.3 46.0 46.3 45.6 45.5 46.6 31, 1960 25 31 Feb. 2. 1957 Jan. 43.9 45.4 45.8 46.3 45.5 45.1 44.3 44.0 44.2 31, 25.7 Mar. Mar. 26.6 31 26 Nov. July Jan. 1958 Feb. Sept. Feb. Feb. Dec. 44.1 43.3 44.6 44.9 44.8 Apr. Dec. Jan. Mar. 31 30 31 27.2 Apr. 30 Apr. 22.4 16.5 15.1 13.8 14.7 1959 Apr. 25.6 14.3 12.6 May May July 16.1 Apr. May 29 25 24 Mar. Dec. 29 May June July July 25 Aug. 30 Sept. 26 25 Jan. Feb. 1961 Aug. 12.3 12.8 12.4 June May 44.2 43.6 42.8 42.8 25 27 24 May June 20 Aug. 31 Sept. 30 11.0 44.6 Mar. 14.7 Sept. 24 Sept. 27 Apr. 45.8 May June 22 rds available 1959-62 July 25, 1960 -4 Aug. 30 Sept. 26 Aug. (C-30-3)16bbb-1. 43.2 43.4 43.5 44.3 28 26 23 Dec. 30 Sept. Oct. Nov. July 25 May June July 25, 25 27 -23. 3, 1958 45.9 Aug. 22 Sept. 25 45.7 23.3 23.9 Oct. Nov. 30 24.6 25.5 26.4 Peb. Mar. 24.5 24.8 25.9 26.6 27.0 25 Dec. Aug. Sept 23.1 Oct. Dec. Feb. Mar. 27 Apr. 27.2 27.3 27.3 25.7 1962 (C-28-3)5cba-1 Jan. 17, 1957 Records -40.0 41.1 available 1957-62 Sept. 27. 1957 Oct. 26 24.0 Nov. Dec. 24.6 Jan. Feb. 26, 1961 23 Mar. Apr. -25.6 -25.6 26 27.2 28.3 29.8 July 19.3 16.8 18.0 Feb. Nov. May July Aug. Aug. Sept. Aug. Jan. Feb. 26.0 26.4 26.7 26.2 24.8 25 1960 Mar. 20 26.9 23.5 Apr. 27.2 25.3 24.5 23.8 42.7 39.4 33.7 28.6 Apr. May Dec. 30 31.0 Oct. 31.8 Nov. 32.7 Dec. 32.7 Dec. 22.5 29 25 24 28 1958 20.3 Mar. 29 26 23 May 22 July 3 July 25 22.3 Apr. 28 June July Mar. Apr. May 25.3 May June Aug. 23.4

#### Table 4.--Iogs of selected wells and test holes in parts of Sampete, Sevier, and Piute Counties, Utah (Stratigraphy by R. A. Young)

#### Altitudes are for land surface at well. Thickness in feet. Depth in feet below land surface.

Drillers' logs

	Thickness	Depth	Th	ickness	Depth	Tr	nickness	Dep
(C-18-1)12abb-1. Log by C. M.			(C-19-1)22aab-1 - Continued.			(C-19-1)35acb-1. Log by C. W.		
Erb. Alt. 5,070 ft.			Pleistocene and Recent			Anderson.		
Pleistocene and Recent			deposits (undifferentiated) -			Pleistocene and Recent		
deposits (undifferentiated)	. 32	20	Continued: Quicksand	31	86	deposits (undifferentiated): No record (cistern)	9	
Clay, yellow. Clay, sandy. Gravel and clay Clay, sandy. Gravel and clay Clay, sandy. Gravel and clay	. 15	32 47	Sand	35	121	Bo record (cister) Bardpan Boulders Bardpan Clay, brown Bardpan Sevier River formation (7)	30	39
Cravel and clay	. 6	53	Sand	32	125	Boulders	3	42
Clay, sandy	. 7	60	Rock	8	133	Bardpan	180	222
Bravel and clay	. 12	72	Rock	9	142	Clay, brown	33	255
lay, yellow	. 3	75	Gravel, water-bearing	1	143	Hardpan	7	262
		77				Sevier River formation (1)		
Clay, yellow	. 3	80	(C-19-1)23bcc-1. Log by E. O. Reid. Alt. 5,135 ft.			(upper Filocene or lower		
Clay, sandy	. 15	95	Pleistocepe and Recent			Pleistocene): Conglomerate, water-bearing	7	26
"Face gravel", water-bearing.	. 4	108	deposits (undifferentiated):			Conglowerate, water-bearing	- 1	20;
Clay, sandy	. 5	113	Topsoil	18	18			
bravel, dirty	. 1	114	Topsoil	19	37	(C-20-1)24dca-1. Log by C. W.		
lay, sandy	. 12	126	Gravel, fine, water-bearing	31	68	Anderson.		
lay, sandy	. 3	129	Clay and gravel	20	88	Pleistocene and Recent		
Clay, yellow	. 45	174	Gravel, water-bearing	27	115	deposits (undifferentiated):		
lay and gravel	. 2	176	Clay	18	133	Soil	2	
lay, sandy	. 24	200	Gravel, water-bearing	46	179	Clay	10	13
			Clay	7	186	Clay, sandy	18	31
-18-1)27ddd-1. Log by C. W.			/			"Set-up sand"	13	4
Anderson.			(C-19-1)23cac-1. Log by C. M.			Character bearing	10	5
eistocene and Recent deposits (undifferentiated)			Erb.	46	46	Gravel, water-bearing	2	5
anget?	19	12	Old well	40	40			
ardnan gravelly	. 24	36	deposits (undifferentiated):			(D-19-1)3lasc-3. Log by C. W.		
lav. brown	. 8	44	Gravel, free	3	49	Anderson. Alt. 5,110 ft.		
ardpan, gravelly	. 14	58	Sand, silty, running	6	55	Pleistocene and Recent		
lay, brown	. 29	87	Gravel, cemented	10	65	deposits (undifferentiated):		
ardhen	. 27	118	Gravel, water-bearing	13	78	Clay.	5	
lay, brown, sandy	. 10	128				Hardpan	20	2
ravel, water-bearing	. 1	129				Conglomerate (1)	10	3
			(C-19-1)23cbs-1. Log by C. W. Anderson. Alt. 5,115 ft. Pleistocene and Recent			Bardpan	26	6
-18-1)34cba-1. Log by C. W.			Anderson. Alt. 5,115 ft.			Gravel, sandy	2	6
Anderson. eistocene and Recent			Pleistocene and Recent					
deposits (undifferentiated)			deposits (undifferentiated):	42	42			
ravel, hardpan		76	Clay, gravelly	29		(D-19-1)32das-1. Log by W. T.		
lay, brown		136	Hardpan	9	71	Chealey.		
ravel and sand	. 13	149	Sand, water-bearing	3	83	Pleistocene and Recent		
ravel and sand	. 20	169		-		deposits (undifferentiated):		
and and gravel, water-bearing	g. 1	170	(C-19-1)27acc-1. Log by C. W.				20	2
			Anderson.			Gravel and boulders	4	2
-18-1)35bba-1. Log by Verno	0		Pleistocene and Recent			Gravel and boulders	6	3
Dimick.			deposits (undifferentiated):			Lime and boulders	10	4
eistocene and Recent			Topsoil	. 1	1	Datid and Braser	24	6
deposits (undifferentiated)	. 10	10	Hard and softpan	47	48	Sand, water-bearing	30	6
opsoil		20	Clay, gravelly.	23	57 80	Boulders and lime	30	10
lay, gravelly	. 20	40	Clay, gravelly	12	92	Hard 14ma	5	10
lav. gravelly	. 20	60	Clay		74	Hard lime	5	11
lay, gravelly	. 5	65	(upper Pliocene or lower			Tertiary and Cretaceous	1	
	. ,		Plaistonana):			sedimentary rocks:		
-19-1)3bbc-1. Log by C. W. Anderson. Alt. 5,175 ft.			Hardnen	33	125	Sandstone	35	14
Anderson. Alt. 5,175 ft.			Gravel. Hardpan Gravel. Hardpan	6	131	Shale, water-bearing	5	15
istocene and Recent			Hardpan	20	151	Clay, blue (shale?)	30	18
deposits (undifferentiated)	. 22	22	Oravel	15	166	Clay, light grey	20	20
oulders in hardpan	. 36	58	Gravel, lower 5 ft water-	10	104	Clay, blue, water	5	51
ay, sandy	. 10	68	bearing	15	199	Clay, light grey	60	5,
nd	. 4	72		~	-22	Shale, blue	25	30
ay, sandy	. 20	92				Shale, blue	10	31
nd	. 18	110	(C-19-1)35aba-1. Log by Vernon				14	34
nd, coarse	. 34	144	Dimick.			Clay, grey	13	33
nd, fine	. 3	147	Pleistocene and Recent			Shale, light	8	34
		155	deposits (undifferentiated):			Shale, blue	5	35
ay		1559	Clay, brown	10	10	Shale, sandy, water	15	36
no and gravel, water-bearin	. 1	156	Gravel and hardpan	3	13	Shale, grey Clay, grey Shale, light Shale, blue Shale, blue Clay, sandy Bard shell Lime, soft Lime, bard Shale, blue	29 6	39
19-1)11ddd-2. Log by C. W.			Sevier River Formation (1)	37	20	Lime andt	25	40
Anderson.			(upper Pliocene or lower			Lime, hard	10	43
istocepe and Recent			Pleistocene):				15	45
deposits (undifferentiated)			Solid rook (1)	5	55	Clay, blue	20	47
ppsoil	. 10	10	Water (1)	3	58	Coal, shale	10	48
ay	. 5	15	Water (1)	10	68	Coal, shale	10	49
nd, water-bearing ay	. 3	18		8	72	Shale, black, salt water	10	50
Ay	. 14	32	Solid rock (1)		80	Clay, blue	10	51
avel, fine, water-bearing .	. 3	35	Clay, red	4	84	Shale, blue	10	58
19-1)22sab-1. Log by R. A.			Gravel, cemented	16	100	Shale, black	5	52
Olsep.			Sand and gravel, water-bearing. Gravel, clayey, water-bearing.	50 60	210	Sandatone	8	53
distocene and Recent			Clay red	5	210	Lime, salt water	2	23 54
deposits (undifferentiated)			Clay, red	15	230	Shale, blue	3	54 54
record	. 6	6	Rock, fractured	10	240	Lime.	12	55
			**	20	278	Arapien Shale (†) (Upper		
lay, white, hard	. 15	21	Clay, red and gravel	38				
p record	. 15	34 55	Gravel and sand, water-bearing. Clay	4	262	Jurassic): Red beds, salt water	17	57

# Table 4.--Logs of selected wells and test holes in parts of Sanpete, Sevier, and Piute Counties, Utah - Continued

#### Drillers' logs - Continued

Sampete County - Continued

Th	ickness	Depth	Thickness	Depth	Thick	ess	Depth
(D-20-1)8bcd-1. Log by Vernon Dimick. Pleistocene and Recent			(D-20-1)17dcc-1. Log by Cameron L. Thorpe. Alt. 5,142 ft.		(D-20-1)2ldab-1. Log by Sharp Welding Co. Pleistocene and Recent		
deposits (undifferentiated):			Pleistocene and Recent		deposits (undifferentiated):		
Topsoil	10	10	deposits (undifferentiated):		Rocks and clay 5	В	58
Clay	13	23	Clay 10	10	Tertiary and Cretaceous		
Sand	7	30	Gravel and clay 12	22	sedimentary rocks:		
Clay	4	34	Clay 8	30	Clay, red, hard, w/yellow		
Sand	2	36	Gravel and sand, water-bearing. 4	34	streaks 9	L	149
Clay	14	40			Sandstone, grey, water-bearing. 1	9	168
Sand and gravel, water-bearing.	7	47	(D-20-1)20acd-1. Log by Sharp		,	5	174
(D-20-1)9acc-1. Log by Vernon			Welding Co. Pleistocene and Recent		(D-20-1)28dbb-1. Log by C. W. Anderson. Alt. 5,240 ft.		
Dimick. Alt. 5,195 ft.			deposits (undifferentiated):		Pleistocene and Recent		
Pleistocene and Recent			Clay 15	15	deposits (undifferentiated):		
deposits (undifferentiated):			Hardpan 12	27	Clay		35 62 67
Topsoil	10	10	Clay 59	86	Clay, sandy 2	7	62
Clay	6	16	Sand and clay 30	116	Hardpan	5	
Clay, gravelly	20	36	Gravel, water-bearing 1	117	Clay, sandy 3	5	105
Clay, gravelly, very hard	10	46			Clay	0	135
Gravel and sand, water-bearing.	4	50			Gravel, water-bearing	1	136

Sevier County

Ti	nickness	Depth	Thickness	Depth	Th	ickness	Depth
(C-21-1)2cbb-1. Log by C. W.			(C-21-1)26bdb-1 - Continued.		(C-22-1)18ccd-1. Log by Sharp		
Anderson.			Tertiary volcanic rocks:		Welding Co. Alt. 5,255 ft.		
Pleistocene and Recent			Lava, fine-grained, light		Pleistocene and Recent		
deposits (undifferentiated):			colored, with euhedral biotite		deposits (undifferentiated):		
Topsoil	1	1	and plagioclase, water-bearing 226	706	Clay	20	20
Hardpan, brown	38	39	Lava, tuffaceous, dark		Rock and clay	52	72
Clay, brown		44	colored, vesicular, with		Rock, sand and clay, water-		
Clay, sandy		62	biotite and hornblende 16	722	bearing	27	99
Sand, black, fine, water-					Gravel, water-bearing	1	100
bearing	12	74	(C-21-1)27bbb-1. Log by J. E.				
bearing transfer transfer	70.5m	1.5	Jensen. Alt. 5,215 ft.				
(C-21-1)10cas-1. Log by C. W.			Pleistocene and Recent		(C-22-2)13dab. Log by Vernon		
Anderson.			deposits (undifferentiated):		Dimick.		
Pleistocene and Recent			Soil 23	23	Pleistocene and Recent		
deposits (undifferentiated):			Washgravel	30	deposits (undifferentiated):		
	25	25	Gravel, loose, and fine sand 11	41	Clay	10	10
Gravel and boulders	8		Hardnan grev	49	Clay, gravelly		75
Clay		33		54	Clay, sandy		100
Clay and sand	56	89			Clay, sandy	15	115
Sand, black, and small gravel,			Washgravel 2	56	Clay, gravelly	72	
water-bearing	14	103	Sand, red	78	Clay, hard	35	150
			Gravel 1	79	Clay, gravelly		160
(C-21-1)1ladb-1. Log by C. W.			Sand, red 12	91	Sand and gravel, water-bearing.	5	165
Anderson.			Gravel, water-bearing 14	105			
Pleistocene and Recent							
deposits (undifferentiated):			(C-21-1)28adc-1. Log by Sharp		(C-23-1)20adc-1. Log by B. B.		
Topsoil and boulders	6	6	Welding Co.		Gardner.		
Sand and gravel, dark, water-			Pleistocene and Recent		Pleistocene and Recent		
bearing	59	65	deposits (undifferentiated):		deposits (undifferentiated):		
			Clay, gravel and boulders 8	8	Blue, sandy loam	95	95
(C-21-1)14bdb-1. Log by C. W.			Clay,	30	Gravel, small, water-bearing	10	105
Anderson. Alt. 5,125 ft.			Gravel	34	Sand, light grey, water-		
Pleistocene and Recent			Clay 6	40	bearing	20	125
			Gravel 2	42	Gravel, water-bearing	20	145
deposits (undifferentiated):	-	3	Clay	55	Clay, light grey	50	195
Topsoil				97	Gravel and sand, water-bearing.	20	215
Clay		41		103	Clay, brown, sandy	5	220
Sand and gravel, water-bearing.	14	55		105	Gravel and sand (hardpan)		242
			Gravel 2	105		15	257
			()		Clay, brown, sandy	10	671
(C-21-1)22bac. Log by Sharp			(C-22-1)5bac-1. Log by B. B.		water-bearing	E 2	310
Welding Co.			Gardner.		water-bearing	53	210
Pleistocene and Recent			Pleistocene and Recent				
deposits (undifferentiated):			deposits (undifferentiated):				
Clay and sand	67	67	Sandy loam 15	15			
Gravel and fine sand, water-			Clay, sandy 58	73	(C-23-2)laab-3. Log by J. S.		
bearing	2	69	Sand, water-bearing 12	85	Lee and Sons.		
Clay and sand	31	100	Clay, sandy 100	185	Filldirt	2	5
Hardpan		106	Sand, water-bearing 15	200	Pleistocene and Recent		
Clay		128	Clay 85	285	deposits (undifferentiated):		
Sand and gravel, water-bearing.		131	Sand, water-bearing 15	300	Clay, red	10	12
Danc and Braver, sacer-somrang.	2	-5-	Clay, sandy 150	450	Clay, sandy	43	55
			Gravel, water-bearing 40	490	Sand	25	80
(C-21-1)26bdb-1. Log by United			dianes, manifestation of the contract of the c		Clay	9	89
Development Co. (Sample			(C-22-1)10bcc-1. Log by B. B.		Sand and gravel	31	120
			Gardner.		Clay, sandy	35	155
determination by R. A. Young)			Pleistocene and Recent		Clay	10	165
Alt. 5,118 ft.					Clay, sandy	18	183
Pleistocene and Recent			deposits (undifferentiated):	8	Sand and gravel		196
deposits (undifferentiated):					Clay	5	201
No record	500	500	Sand 17	25	Sand and gravel	17	218
Quaternary sedimentary rocks:			Clay, sandy 110	135	Chang and graver	30	248
Thin-layered sandstones and			Sand and gravel, "bad water" 10	145	Clay and rocks		257
limestones		290	Clay, sandy 157	302	Sand	9	
Shale, silty		330	Sand and gravel, water and		Clay and rocks		265
Conglomerate		360	"marsh gas" 24	326	Gravel	8	273
Sandstone		430	Clay, sandy 199	525	Clay	18	291
Conglomerate		480	Sand, water-bearing 10	535	Gravel, water-bearing	44	335

# Table 4.--Logs of selected wells and test holes in parts of Sanpete, Sevier, and Piute Counties. Utah - Continued

# Drillers' logs - Continued

Sevier County - Continued

1	hickness	Depth	Thick	kness	Depth	Th	ickness	Depti
(C-23-2)4dbc-1. Log by B. B.			(C-23-2)20bdb-1. Log by W. J.			(C-23-3)26ccc-1. Log by B. B. Gardner. Alt. 5,435 ft.		
Gerdner.			Hill.			Gardner. Alt. 5,435 ft.		
Pleistocene and Recent deposits (undifferentiated):			Pleistocene and Recent deposits (undifferentiated):			Pleistocene and Recent deposits (undifferentiated):		
Topsoil	3	3	Topsoil	1	1	Sandy loam	8	8
deposits (undifferentiated): Topsoil Clay. Sand and gravel, water-bearing. Clay. "Conglomerate". Sand, red Gravel, water-bearing.	22	25		18	19	Sandy loam	57	65
Sand and gravel, water-bearing.	2	27	Sand, water-bearing	33	52	Tertiary and Cretaceous		
Clay	303	330	Clay, sandy	29	81	sedimentary rocks:		0-
"Conglomerate"	45	375 380	Sand and gravel, water-bearing.	15	96 189	Shale, light blue	20	85
Gravel water-hearing	7	387	Clay, sandy	46	335	bearing	20	105
	,	201	Sand and gravel, water-bearing. 1	10	345	Shale, light blue, hard	87	192
(C-23-2)8cdc-1. Log by Sharp			Clay, sandy 5	57	402	Shale, blue, fractured, water-		
Welding Co.			/\ ·			bearing	8	200
Pleistocene and Recent deposits (undifferentiated):			(C-23-2)20cba-1. Log by Sharp Welding Co.			(C-23-3)36aac-1. Log by B. B.		
Sand and gravel	127	127	Pleistocene and Recent			Gardner.		
Hardnan	3	130	deposits (undifferentiated):			Pleistocene and Recent		
Gravel, water-bearing	4	134	Clay, red, sandy	84	84	deposits (undifferentiated):		
Gravel, water-bearing Clay and rock	12	146	Gravel hardpan. Clay, red, sandy. Clay, grey. Bardpan	7	91	Topsoil	2	2
Gravel, water-bearing	,	151	Clay, red, sandy	12	218	Clay, sandy	2	9
(C-23-2)14cdd-1. Log by B. B.			Sand grey	3	221	Sand, water-bearing	9	21
Gerdner.			Hardpan	3	224	Sand. water-bearing	4	25
Pleistocene and Recent			Gravel, water-bearing	2	226	Clay	46	71
deposits (undifferentiated):						Sand, water-bearing	7	
Clay	7	7	(C-23-2)20dba-1. Log by Sharp			Sand and gravel, water-bearing.	39	117
Gravel and lava boulders,	62	60	Welding Co.			Clay candy	98 43	215
water-bearing	23	60	Pleistocene and Recent deposits (undifferentiated):			Clay, sandy	43	263
Pertiary volcanic rocks: Clay and boulders	18	78	Clay	22	22	Gravel, water-bearing	5	268
Lava boulders	25	103	Sand, water-bearing	3	25	,	-	
			Clay	21	46			
C-23-2)15dbc-9. Log by R. A. Cowley. Alt. 5,235 ft.			Sand, water-bearing	2	48	(C-23-3)36dda-1. Log by Sharp Welding Co.		
Cowley. Alt. 5,235 ft.			Clay	2B	76 85	Welding Co.		
Pleistocene and Recent deposits (undifferentiated):			Sand and gravel, water-bearing.	9	05	Pleistocene and Recent deposits (undifferentiated):		
deposits (undifferentiated): Clay	40	40	(C-23-2)22dcc-2. Log by B. B.			Clay, grey, sandy	50	50
Sand and gravel	40	80	Gerdper.			Sand and gravel, water-bearing.	58	108
Hardpan	12	92	Pleistocene and Recent			Clay, red	52	160
Sand and gravel	35	127	deposits (undifferentiated):			Clay, grey	48	208
Clay	15	142		6	6 21	Sand and gravel, clayey Clay, grey	77 61	289
Sand and gravel, water-bearing.	31	173	Clay	15 19	40	Clay, grey	01	350
(C-23-2)17abb-1. Log by William				32	72	Clay grey	16	366
Hill.					105	Clay, grey	14	380
Pleistocene and Recent			Clay,	33 15	120	Gravel and sand, water-bearing.	40	420
deposits (undifferentiated):			Sand, water-bearing (artesian). 5	55	175			
Topsoil	1	1	Gravel, water-bearing	6	181	/a a) a)/ , , , , , , , , , , , , , , , , , , ,		
Clay, sandy, and rocks	75	76	(artesian)	6	181	(C-24-2)6abc-1. Log by B. B. Gardner.		
Sand, water-bearing Gravel, water-bearing	10	93	(C-22-2)26adh-1 Ing hy B C			Pleistocene and Recent		
Graver, water-bearing	10	203	(C-23-2)26cdb-1. Log by R. C. Cowley. Alt. 5.251 ft.			deposits (undifferentiated):		
(C-23-2)18dab-1. Log by B. B.			Pleistocene and Recent			Sandy loam	10	10
Gardner.			deposits (undifferentiated):			Sand	15	25
Pleistocene and Recent			Clay 2	20	20	Clay, sandy	40	165
deposits (undifferentiated):	105	105		10	21 31	Sand and gravel, water-bearing. Clay, sandy	60	225
Dirt and small boulders	47	152	Sand fine	1	32	Gravel, water-bearing	20	245
Sand, water-bearing	11	163	Clay	9	41	Clay, blue	28	273
			Quicksand	5	46	Gravel, water-bearing	27	300
			Gravel, fine	2	48	Clay, blue	20	320
C-23-2)18dcd-1. Log by B. B. Gardner. Alt. 5,331 ft.			Clay	15	63	Gravel, water-bearing	3	323
Gardner. Alt. 5,331 ft.			(a as a)a9+44 8 Yes by Mann					
Pleistocene and Recent deposits (undifferentiated):			(C-23-2)28bdd-8. Log by Sharp Welding Co. Alt. 5,244 ft.			(C-24-2)6bbd-1. Log by B. B.		
Red. sandy loam	18	18	Pleistocene and Recent			Gardner.		
Red, sandy loam	16	34	deposits (undifferentiated):			Pleistocene and Recent		
Boulders	33	67	Clay 5	55	55	deposits (undifferentiated):		
Boulders	23	90		4	59	Sandy loam	8	8
Sand and gravel, water-bearing.	20	110	Clay 1	15	74 76	Sand	1.2	15
			Gravel, water-bearing	2	10	Gravel, water-bearing	47	105
C-23-2)19add-1. Log by B. B.			(C-23-2)29bac-1. Log by B. B.			"Hardpan"	21	126
Gardner.			Gardner.			Clay, red	43	169
leistocene and Recent			Pleistocene and Recent			"Hardpan"	9	178
deposits (undifferentiated):			deposits (undifferentiated):		25	Sand and gravel, water-bearing.	14	192
Sandy loam. Clay, sandy	4	4	Sandy loam	12	12	Clay, sandy	26 82	218
Clay, sandy	10	25	Clay, red	13	25 65	Clay, red	25	325
Clav.	125	150	Gravel, water-bearing 2	22	87	Gravel, water-bearing	10	335
Sand, water-bearing	50	200	Clay, red 10	03	190	Clay	12	347
Sand, water-bearing	100	300	Gravel, water-bearing 1	10	200	Clay	18	365
Sand, water-bearing	14	314				Clay	11	376
			(C-23-2)34bbd-1. Log by B. B.			Cravel, water-bearing	36	412
0 03 0110b-4 1			Cardner. Pleistocene and Recent			Clay, sandy	14	416
C-23-2)19bcd-1. Log by B. B. Gardner. Alt. 5,316 ft.			deposits (undifferentiated):			Clay	3	433
leistocene and Recent			Topsoil	3	3	Streaks of clay and gravel	17	450
denosits (undifferentiated).			Clay, 4	45	48	Clay, red	17	467
Sandy loam	15	15	Gravel, water-bearing 4	47	95			505
Class candu	79	94	Clay	6	101	Sand	5	510
Clay, sandy				5	106	Gravel, water-bearing	2	512
Sand and gravel, water-bearing.	6	100				time a li		
Sandy loam	93	193	Clay		115	Sand	18	530

#### Table 4 .-- Logs of selected wells and test holes in parts of Sanpete, Sevier, and Piute Counties, Utah - Continued

# Drillers' logs - Continued

# Sevier County - Continued

Th:	ickness	Depth	Th:	ickness	Depth		Thickness	Depth
(C-24-2)17bbb-1. Log by Sharp			(C-24-3)29ddb-1. Log by B. B.			(C-25-3)8bab-1 - Continued.		
Welding Co.			Gardner. Alt. 5.329 ft.			Pleistocene and Recent		
Pleistocene and Recent			Pleistocene and Recent			deposits (undifferentiated)	-	
deposits (undifferentiated):			deposits (undifferentiated):			Continued:		
Topsoil	2	2	Clay, red	8	8	Sand	. 7	84
Sand, dry	2	14	Sand	4	12	Clay		94
Clay	2	6	"Hardpan"	26	38	Clay, water-bearing		100
Sand, clayey, wet	29	35	Gravel, water-bearing	31	69	,		
Clay, rocky	15	50	"Hardpan"	29	98	(C-25-3)28cad-1. Log by B. B.		
"Hardpan"	9	59	Gravel, water-bearing	12	110	Gardner. Alt. 5,445 ft.		
Gravel	19	78	Clay, red	11	121	Pleistocene and Recent		
Sand and gravel, clayey	11	89	"Hardpan"	12	133	deposits (undifferentiated):		
Gravel, water-bearing	1	90	Clay, red	23	156	Topsoil		5
41-11-7	_		"Hardpan"	12	168	Clay		84
			Gravel, water-bearing	7	175	Sand and gravel, water-bearing		137
			"Hardpan"	13	188	Dana and States, seeds - scarzes	. /3	-31
C-24-3)11bda-1. Log by C. W.			Gravel and boulders, water-	4.)	200	(C-26-4)29bba-1. Log by B. B.		
Anderson.			bearing	3	191	Gardner. Alt. 5,800 ft.		
Pleistocene and Recent			Degrang	3	272	Pleistocene and Recent		
deposits (undifferentiated):			(C-24-3)35bdd-1. Log by C. W.			deposits (undifferentiated):		
Topsoil	2	2	Anderson, Alt. 5.323 ft.			Dug well		14
Clay, brown	19	21	Pleistocene and Recent			Sand, water-bearing		25
Clay, sandy	6	27	deposits (undifferentiated):			Sand and clay		95
Clay brown	34	61	Topsoil	10	10	Gravel, black, water-bearing.		100
Sand, red	10	71	Boulders and sand	24	34	Gravel, Disck, water-Dearing.	. >	100
Sand, black	20	91	Clay, sandy	18	52	(D-20-1)3labd-1. Log by C. W.		
	70	161	Sand, black	56	108	Anderson to 100 ft. Alt.		
Sand and gravel, black	69	230		20	100	5.148 ft.		
Clay, brown	09	230	Tertiary volcanic rocks (?):	h.	220	Pleistocene and Recent		
Sand and gravel	1	231	Conglomerate (?)	4	112	deposits (undifferentiated):		
			water (material not stated)	4	110			25
						Clay, brown, sandy		35
			/			Conglomerate (?)		65
(C-24-3)23bad-1. Log by B. B.			(C-25-3)8bab-1. Log by C. W.			"White chalk"		70
Gardner. Alt. 5,299 ft.			Anderson. Alt. 5,345 ft.			Sand, red, fine		93
Pleistocene and Recent			Pleistocene and Recent			Sand, grey, and gravel		97
deposits (undifferentiated):			deposits (undifferentiated):			Gravel, water-bearing		100
Clay	25	25	Gravel	51	51	"Hardpan"		105
Sand and gravel, water-bearing.	5	30	Conglomerate (?)	6	57	Clay, brown	. 22	124
"Hardpan"	55	85	Sand and gravel	11	68	Sand, light grey, and gravel,		
Gravel, water-bearing	30	115	Clay	9	77	water-bearing	. 4	128

#### Piute County

Thic	ckness	Depth	Thickness	Depth
(C-27-3)32add-1. Log by C. W. Anderson. Alt. 5.900 ft.			(C-30-3)16bbb-1. Log by B. B. Gerdner. Alt. 6,000 ft.	
Pleistocene and Recent			Pleistocene and Recent	
deposits (undifferentiated):			deposits (undifferentiated):	
Topsoil	3	3	Sandy soil 8	8
"Boulder hardpan"	24	27	"Hardpan" 16	24
Gravel, loose, water-bearing	5	29	Sand and gravel 8	32
Clay, brown	6	35	Tertiary volcanic rocks:	
Conglowerate (?)	36	71	Clay, sandy (tuff,	
Gravel and sand, water-bearing.	2	73	bentonitic) 368	400
Clay, brown	73	.146	Tertiary sedimentary rocks:	
Gravel and sand, water-bearing.	4	150	Gravel, water-bearing 7	407

#### Test-bole logs (U.S. Geological Survey) (Log by U.S. Geological Survey)

# Sampete County

	Thickness	Depth		Thickness	Depth
(C-18-1)25ddc-1 (TE 20). Alt. 5,014 ft. Pleistocene and Recent deposits (undifferentiated): Silt, tan, sandy; sand, subrounded to rounded quarts			(C-18-1)25ddc-1 (TH 20) - Continued. Pleistocene and Recent deposits (undifferentiated) - Continued: grains include beta-quartz, plagioclase, olivine,		
and rock fragments of limestone and sandstone; contains fresh-water gastroped shells	7	7	and biotite crystals; contains pieces of gastropod shells; water-bearing		248 272
and gravelly clay	27	34	rock fragments and 50 percent sandstone, limestone, and chert fragments; some pyrite nodules; water- bearing.	. 4	276
50-60 percent limestone and sandstone fragments, with remainder volcanic-rock fragments; water-bearing	26	60	Clay, light-grey, silty, sandy; contains gastropod shells		316
Clay, dark-grey, silty, sandy, gravelly	9	69	Gravel, fine to coarse, composed of limestone, sand- stone, and chert fragments; water-bearing.	, 28	344
stone and limestone fragments		77 90	Silt, tan, sandy with thin layers of orange, sandy clay . Gravel, fine to coarse, subrounded to well-rounded,	. 28	372
becomes clayey at 160 ft; water-bearing Silt. grey andy; some shell material; becomes	75	165	60 percent limestone, sandstone, and chert fragments, 40 percent volcanic-rock fragments; water-bearing		412
brown and more sandy at about 190 ft	50	215	Silt, tan, sandy	1.0	425
gravel is mostly limestone, sandstone, and chert fragments, with some volcanic-rock fragments; sand			red clay; water-bearing	35	500

# Table 4 .-- Logs of selected wells and test holes in parts of Sampete, Sevier, and Piute Counties, Utah - Continued

#### Test-hole logs - Continued

Sampete County - Continued

	Thickness	Depth		Thickness	Dept
(C-19-1)11bcd-1 (TH 19). Alt. 5.070 ft.			(C-19-1)25dcc (TE 17) - Continued.		
Pleistocene and Recent deposits (undifferentiated):			Pleistocene and Recent deposits (undifferentiated) -		
Clay, tan, brown-black, silty to sandy, calcareous,			Continued:		
carbonaceous; contains fresh-water gastropod shells,			contains silt; Chara (1) sp. at approximately 60 ft;		
seeds, carbonized wood, and some pyrite	36	36	contains water of poor quality	68	7
Gravel and sand; composed of limestone, sandstone,	30	20	Silt. tan. sandy	22	10
and volcanic-rock fragments; contains water of poor			Unnamed formation:		
quality	39	75	Sand, silty, slightly calcareous; 50 percent of sand		
Silt, tan, clayey to sandy, calcareous, bentonitic	25	100	is subrounded to well-rounded quartz grains, 50 per-		
Gravel and sand; subrounded to well-rounded;	-/	200	cent is sedimentary-rock fragments, some biotite, but		
composed of limestope, sandstone, and volcanic-			very little volcapic material; sand grains have		
rock fragments; contains a few thin silt layers;			transparent coating, probably silica	7	10
contains water of poor quality	68	168	Sandstone, yellow; composed of quartz, feldspar,		- 21
Gilt, tan to orange, clayey, calcareous; becomes	00	700	olivine, mica, magnetite, garnet, and rock		
gravelly about 182 ft	20	188	fragments: calcium carbonate cemented: clavev		
gravel, coarse, and sand; composed of limestone,	20	100	between 121-130 ft	23	-
			Sandstone, black; poorly cemented; finer grained but	23	1
sandstone, chert, and volcanic-rock fragments;	100	005			
contains water of poor quality	17	205	same composition as sandstone above; white silt		
Silt, tan, clayey, sandy; contains some shell			layer 298-300 ft; contains water with 2,860 ppm		
material	25	230	chloride	304	4
ravel, coarse, and sand; composed of limestone,			(a sa s)e(sss s (== s0) a sta a:		
sandstone, chert, and volcanic-rock fragments;			(C-19-1)26ddd-1 (TH 18). Alt. 5,140 ft.		
contains water of poor quality	32	262	Pleistocene and Recent deposits (undifferentiated):	10	
lay, tan to red, silty, sandy, calcareous; contains			Clay, orange-red, silty, calcareous	48	
some wood; becomes silty at 280 ft	20	262	Gravel and sand; composed of limestone, sandstone,		
Gravel, fine to medium, and sand; water-bearing	18	300	chert, and volcanic-rock fragments	1.6	- 1
evier River Formation (7) (upper Pliocene or lower			Clay, tan, silty	2	
Pleistocene):			Boulders of limestone and sandstone, with tan		
Silt, tan, sandy	22	322	calcareous silt	32	1
gravel, coarse, and fine sand, with layers of silt			Silt, brown, sandy, calcareous, with thin layers of		
and clay; contains some pyrite at approximately			red clay	6	1
400 ft; water-bearing	156	478	Gravel and sand; mostly limestone, chert, sandstone,		
			and siltstone fragments with some volcapic-rock		
-19-1)25dcc (TH 17). Alt. 5,100 ft.			material; water-bearing	17	1
leistocene and Recent deposits (undifferentiated):			Sevier River Formation (upper Pliocene or lower		
Silt, grey, calcareous	10	10	Pleistocene):		
Gravel and sand; subangular to rounded, 50 percent			Silt, red-brown, sandy, calcareous	17	13
volcanic-rock fragments which decrease in amount			Boulders of limestone, sandstone, and chert		
with depth, 50 percent sedimentary rocks;			fragments	18	15

Sevier County

	Thickness	Depth		Thickness	Dept
C-21-1)18daa-1 (TH 11).			(C-21-1)25bba-1 (TH 12) - Continued.		
leistocene and Recent deposits (undifferentiated):			Bald Knoll Formation (7) of Gilliland (upper Eocene		
Silt, light reddish-brown, with sand and gravel	12	12	or lower Oligocene):		
Clay, light-grey, sandy, silty	25	37	Siltstope, grey, sandy, calcareous; contains some		
Gravel. medium	1	38	layers of pink and light red clay	82	391
ald Knoll Formation (?) of Gilliland (upper Eocene		30	Siltstone, grey, sandy, calcareous; major part of	02	394
			sand is well-rounded quarts grains, remainder is		
or lower Oligocene):				1.0	1.00
Shale and clay, white and shades of blue, grey,			igneous-rock fragments	12	403
green, tan, and brown; grades from nearly pure clay			Shale, green-grey, bentonitic; contains thin layers	,	Loc
to very fine sandy clay; individual beds range in			of limestone	6	409
thickness from 6 inches to 10 feet; contains			Shale, grey, sandy, calcareous; contains well-		
occasional 6-inch beds of limestone and sandstone;			indurated layers of grey-green shale; contains some		
layer of peat at 148-149 ft	921	959	glass shards; fresh-water limestone beds between		
			430-442, 525-527, 558-560, and 577-581 ft	188	597
			Shale, pink, silty, sandy; becomes grey at 630 ft,		
C-21-1)23dca-1 (TH 24). Alt. 5,130 ft.			tan at 635 ft, dark-grey at 670 ft, and yellow and		
leistocepe and Recent deposits (undifferentiated):			very calcareous at 678 ft	85	682
Sand, silty, with some clay; composed of quartz and			Gravel, fine, and fine to coarse sand; angular to well-		
feldspar grains	6	6	rounded; sand composed of quartz, magnetite, horn-		
Dravel, coarse to fine, and sand; angular to sub-		-	blende, pyrite, sircon, and feldspar	1.8	700
rounded; composed of chert, sandstope, limestone, and			Canada, Mirrae, arrenal and resembler.		
volcanic-rock fragments; euhedral quartz and mica			(C-22-1)8mab-1 (TH 13). Alt. 5,135 ft.		
sand grains; water-bearing.	100	106	Pleistocepe and Recent deposits (undifferentiated):		
Bilt. tap. sandy. calcareous	3	109	Silt, tan to bright orange, sandy; quarts sand well-		
Pravel, fine to coarse, composed of limestone, sand-	3	209	rounded	10	10
stone, chert, and volcanic-rock fragments; becomes			Sand, coarse to very coarse, and very fine to medium	20	44
sandy at 120 ft and grades into coarse sand to fine			gravel: composed of subangular to well-rounded vol-		
gravel at 136-140 ft; water-bearing	79	188	canic-rock, and well-rounded limestone, quartite,		
	19	100	and sandstone fragments	6	16
evier River Formation (upper Pliocene or lower					22
Pleistocene):			Silt, tan, sandy	6	22
Clay, red, gravelly, sandy	11	199	Gravel, fine to coarse, sandy; composed of sandstone,		
Boulders	1	500	limestone, and volcanic-rock fragments	30	52
			Silt, yellow-tan, sandy	8	60
			Sand, fine to coarse, and fine gravel; water-bearing .	8	68
C-21-1)25bbm-1 (TH 12). Alt. 5,148 ft.			Clay, tan, silty	3	71
leistocene and Recent deposits (undifferentiated):			Gravel, fine to medium, and coarse sand; mostly		
Silt, tan, sandy, calcareous	30	30	volcanic-rock fragments; water-bearing	51	122
Sand and gravel; subangular to well-rounded, 50 per-			Clay, tan, silty; becomes sandy with depth	10	132
cent volcanic-rock fragments and 50 percent			Gravel, fine to coarse, and sand; water-bearing	13	145
sedimentary-rock fragments; contains many thin			Silt, tan, clavey and sandy, to grey and red silty		
layers of silt and an occasional layer of clay;			clay; slow, hard drilling (lake deposit?)	27	172
ostracods at 150 ft; water-bearing,	156	186	Sand, yellow-orange, fine, and fine gravel; contains		
evier River Formation (upper Pliocene or lover	-/-		thin layers of tan, grey, orange-red and brown		
Pleistocene):			silt; water-bearing	82	254
Silt, tan, clayey, sandy, calcareous, semi-			Clay, light-brown to tan, silty, sandy	13	267
consolidated	26	212	Gravel, sapdy, silty; water-bearing,	-0	276
Dravel, fine to coarse	30	242	Clay, light-grey to orange, silty and sandy; hard	,	210
Bilt. tan. sandy. calcareous	h	246	drilling	40	325
Dravel, fine to coarse, about 75 percent limestone,	-	240	Gravel, fine to medium, and sand; water-bearing,	29	354
sandstone, and chert fragments, remainder			Silt, greenish-grey, sandy; becomes red-brown clay	67	334
volcanic-rock fragments	13	259	at 376 ft	24	378
					388
Silt, light-brown, sandy, calcareous, bentonitic	10	269	Sand, coerse, to fine gravel; water-bearing	10	402
Clay, pink, bentonitic	40	309	Clay, tan to brown, plastic	44	400

# Table 4.--Logs of selected wells and test holes in parts of Sanpete, Sevier, and Piute Counties, Utah - Continued

#### Test-hole logs - Continued

Sevier County - Continued

	Thickness	Depth		Thickness	Depth
(C-22-1)Gaab-1 (TH 13) - Continued. Pleistocene and Recent deposits (undifferentiated) - Continued:			(C-22-2)35dcd-2 (TH 15) - Continued. Pleistocene and Recent deposits (undifferentiated) - Continued:		
Gravel, fine to medium, composed of limestone, sand- stone, chert, and volcanic-rock fragments; water-			Gravel, about 50 percent volcanic-rock fragments and 50 percent sedimentary-rock fragments	6	232
bearing	25	427	Silt, light-grey to red to olive-grey, clayey	5	237
Silt, tan, sandy	7	434	Sand, coarse, and fine gravel; composed of volcanic-		
stone, chert, and volcanic-rock fragments; water-			rock, limestone, and sandstone fragments; contains layers of red silt at 248-250 and 258-262 ft;		
bearing	10	klala	water-bearing	35	272
Clay, brown and red, with very fine sand	9	453	Sevier River Formation (?) (upper Pliocene or lower Pleistocene):		
water-bearing	42	495	Silt, red, clayey	6	278
Clay, brown to tan, silty and sandy	8	503 508	Silt, red, clayey		
Clay, tan to brown, silty, sandy; moderately hard	,	500	25 percent volcanic-rock fragments and 75 percent limestone and sandstone fragments; hard drilling	11	289
drilling	17	525			~~/
Gravel, fine to coarse, and coarse sand; subangular to rounded, 50 percent volcanic-rock fragments and			(C-23-2)9mbb-1 (TH 6). Alt. 5,269 ft. Pleistocene and Recent deposits (undifferentiated):		
50 percent sedimentary-rock fragments; sand grains			Silt, red to dark brown, sandy and clayey; sandy at 38-40 ft; gravelly 44-48 ft		
are quartz, plagioclase, olivine, hornblende, and mica; contains a few thin layers of orange clay;			38-40 ft; gravelly 44-48 ft	124	124
water-bearing	62	587	stone and sandstone fragments	12	136
Silt, tan, sandy, calcareous; gastropod shells	12	599	Silt, light-grey, light-brown, red, or tan; occasional	164	300
Sand, fine to coarse, silty, and fine gravel; sub- angular to rounded; gravel is mostly volcanic-rock			layers of cobbles and sand	704	302
fragments; some shell material; water-bearing	26	625	Silt and clay, red-brown	157	459
Gravel, fine to medium, and fine to coarse sand; gravel is mostly subangular to well-rounded volcanic-			Cobbles and gravel; composed of sandstone, lime- stone, and chert fragments	8	467
rock fragments; sand is well-rounded; water-			Clay, red-brown, silty, sandy; occasional pebbles		487
bearing	20	645	Cobbles and gravel; composed of limestone and		hah
Silt, yellow, sandy	6	921	sandstone fragments	25	519
subangular to well-rounded; mostly volcanic-rock			Gravel, coarse, and sand; composed of limestone.		
fragments; water-bearing	14	665	sandstone and chert fragments	11	530 548
C-22-1)19bad-1 (TH 14). Alt. 5,180 ft.			Clay, brown, silty and sandy		550
C-22-1)19bad-1 (TH 14). Alt. 5,180 ft.			Clay, brown, silty and sandy; occasional pebbles	24.24	594
Silt, buff, calcareous	10	10	(C-23-2)Qdee-1 (TH 8). Alt. 5 255 ft.		
stone fragments	5	15	(C-23-2)9daa-1 (TH 8). Alt. 5,255 ft. Pleistocene and Recent deposits (undifferentiated):		
Silt, buff to tan, sandy and gravelly	3	18	Clay, red, silty and sandy	74	74
90 percent limestone and sandstone fragments but			of limestone sandstone and chert fragments:		
volcanic gravel increases with depth to about 50			water-bearing	4	78
percent; water-bearing	100	118	Clay, red, silty	13	91
tan, sandy silt at about 124 ft	21	139	cent volcanic-rock fragments, the remainder sed-		
Gravel, fine to coarse, subangular to rounded;	mo.	218	imentary-rock fragments; water-bearing	10	101
mostly volcanic-rock fragments; water-bearing Silt orange to light-tan, sandy, calcareous:	79	510	Clay, red, silty; sandy clay 118-133 ft Gravel, fine to medium, composed of limestone and	32	133
Silt, orange to light-tan, sandy, calcareous; becomes orange, silty clay at 236 ft	26	244	sandstone fragments; water-bearing	2	135
Gravel, fine to coarse, and sand; gravel is subangular to well-rounded, 50 to 90 percent volcanic-rock			Silt, red, with sandy layers	28	163
fragments and the remainder sedimentary-rock frag-			volcanic-rock fragments; water-bearing	11	174
ments; sand grains mostly rock fragments; water-	l-a	287	Clay, brown, silty and sandy	46	220
bearing	43	296	Gravel, fine to medium, subangular to rounded, 70 percent volcanic-rock fragments, the remainder		
Gravel, fine to coarse, subangular to well-rounded;			sedimentary-rock fragments; water-bearing	10	230
ranges from 70 percent volcanic-rock fragments at 296 ft to 40 percent at 360 ft, the remainder is			Clay, red to grey, silty and sandy	44	274
sedimentary-rock fragments; water-bearing	64	360	cent volcanic-rock fragments, the remainder is		
evier River Formation (?) (upper Pliocene or lower				14 83	288
Pleistocene): Gravel, fine to coarse, in silt; very compact and			Clay, alternating red and grey, silty and sandy Gravel, fine to coarse, and sand; 90 percent volcanic-	03	217
hard drilling; 90 percent sedimentary-rock fragments,			rock fragments, 10 percent sedimentary-rock		-0-
10 percent volcanic-rock fragments	3	363	fragments; water-bearing	26	382 408
C-22-2)35dcd-2 (TH 15). Alt. 5,250 ft. Deistocene and Recent deposits (undifferentiated):			Gravel, coarse, subangular to rounded, 70 percent		
	16	16	volcanic-rock fragments, 30 percent sedimentary- rock fragments; water-bearing	3	411
Silt, red, clayey and sandy	10		Clay red silty and sandy; contains thin layers of		788
limestone fragments, with some chert; silty	18	34	silty sand	156	567
Silt, red, sandy	5	39	fragments, 30 percent sedimentary-rock fragments;		
limestone fragments, with some chert; silty Silt, red, sandy and clayey	4	43	contains layer of silt 576-578 ft; becomes sandy		
Silt, red, sandy and clayey	3	46	584 ft; water-bearing	27	594
Gravel and cobbles, composed of limestone and sand- stone fragments; contains sand and silt	7	53	Clay, red to red-brown, sandy and silty; layer of pink to white marl at 634 ft	44	638
Silt. red. sandy	5	53 58	Gravel, fine to medium, 50 percent volcanic-rock		
ravel, fine to medium, composed of limestone and sandstone fragments; contains sand and silt	12	70	fragments and 50 percent sedimentary-rock fragments;	9	647
Silt. red. sandy: contains thin layers of silty sand .	32	102	water-bearing	21	668
Gravel, fine to medium, composed of limestone and		100	Gravel, fine to medium, mostly volcanic-rock fragments	11	679
sandstone fragments; water-bearing	27	129	water-bearing	51	700
Silt, red, clayey	11	142		8	700
Silt, red, sandy	6	148	yellow, and green clays	8	708
sandstone fragments; contains sand and silt; in-			water-bearing	12	720
creasing silt at 182-188 ft; water-bearing	43	191	Clay, red to dark-red, silty	19	739
	11	202			
Silt, red, clayey					
Silt, red, clayey.  Gravel, fine to medium, about 75 percent volcanic- rock fragments and 25 percent sedimentary-rock			(C-23-2)10dec-1 (TH 5). Alt. 5,232 ft.		
Silt, red, clayey.  Gravel, fine to medium, about 75 percent volcanic- rock fragments and 25 percent sedimentary-rock fragments; water-bearing. Silt, red, clayey.	7	209 226	(C-23-2)lodcc-1 (TE 5). Alt. 5,232 ft. Pleistocene and Recent deposits (undifferentiated): Clay, red, dark-brown, and dark-grey	62	62

# Table 4.--Logs of selected wells and test holes in parts of Sanpete, Sevier, and Piute Counties, Utah - Continued

# Test-hole logs - Continued Sevier County - Continued

			( No. 1		
C-23-2)lOdcc-1 (TE 5) - Continued.  Reistocene and Recent deposits (undifferentiated) -  Continued:			(C-23-2)3ldcb-3 (TH 1) - Continued. Pleistocene and Recent deposits (undifferentiated) - Continued:		
Gravel, fine to coarse, and fine to coarse sand; over 90 percent well-rounded volcanic-rock fragments;			Clay, tan to copper-red, sandy and silty Gravel, fine, composed of volcanic-rock fragments;	35	3
contains thin layers of red and grey clay and			water-bearing	12	3
silt; water-bearing	151	213	Sand and gravel; composed of volcanic-rock fragments;	14	3
Play, red, tan, and grey, and black silt	10	223	Sand and gravel; composed of volcanic-rock fragments;	5	3
fragments; clayey in top 7 ft; water-bearing	38	261	water-bearing	22	3
Clay, red. silty	11	272	Sand coarse and gravel: mostly unleaningroup frag-	_	
Play, red, silty	5	277	ments; water-bearing	49	à
Silt, grey, clayey	4	281	Clay, tan to orange-red, sandy and silty	11	À
lay, red, with layers of tan and grey silt	16	297	Sand and gravel; water-bearing		1
ravel, fine to coarse, composed of volcanic-rock fragments; contains layers of silt and clay 306-308			Clay, red-brown, sandy and silty	30	
and 317-320 ft; water-bearing	35	332	contains tan clay 488-490 and 545-547 ft; water-	94	
lay, red to grey, and grey silt; few thin layers of	54	386	Clay, tan, sandy, silty	34	i
sand and gravel	,,	300	Sand, clayey, and fine gravel; gravel composed of	34	,
fragments; contains 1-foot layers of red clay and			volcanic-rock fragments; water-bearing	8	
tan silt; water-bearing	114	500	Sand and fine gravel: water-hearing	8	-
lay, red, silty, with thin layers of sand and			Clay, tan, sandy and silty	20	- (
gravel; water-bearing	106	606	Sand, fine, and gravel; sand subangular to well-		
ments; water-bearing	28	634	rounded; gravel subangular to subrounded; water-	18	
lay, reddish-brown, silty		643	Clay, tan, silty	40	-
ravel, fine, silty	9	647	Silt, ten, sandy	8	1
lay, reddish-brown, silty	10	657	Gravel, fine to medium, and sand; water-bearing	10	- 1
and and fine gravel; silty and clayey; water-			Clay, tan	5	
bearing	19	676	Gravel, fine to medium, composed of volcanic-rock	9	
602-701 ft: water-hearing	32	708	fragments; water-bearing	9	
692-701 ft; water-bearing	Ja.	,00	Pleistocene):		
fragments; contains layer of red clay 730-734 ft;			Gravel, fine to medium, composed of volcanic-rock		
water-bearing	lų lų	752	fragments	9	
lay, tan, silty	5	757	Conglomerate, silica cemented, composed of volcanic-	21	
bearing	40	797	rock fragments	F1	-
vier River Formation (upper Pliocene or lower	40	121	Date, years, caronicous i i i i i i i i i i i i i i i i i i i	-	
Pleistocene): lay, red; hard drilling	8	805	(C-23-3)25cac-1 (TH 3). Alt. 5,300 ft. Pleistocene and Recent deposits (undifferentiated):		
			Pleistocene and Recent deposits (undifferentiated): Silt, red, clayey, sandy	24	
-23-2)14cbc-1 (TE 4). Alt. 5,234 ft. eistocene and Recent deposits (undifferentiated):					
lay, dark-grey, silty, carbonaceous; contains			and sand	50	
quartz and gypsum grains, and shell fragments	38	38	Gravel, fine to medium, composed of limestone, sand-		
and, fine to coarse, volcanic-rock fragments	4	42	stone, and volcanic-rock fragments; becomes silty		1
ilt, tan, clayey; gypsum fragments	9	51	with depth; water-bearing	29	
to rounded; gravel becomes coarse at 62 ft; contains				454	1
layers of brown, sandy silt; contains water of poor	67	118	Cobbles, mostly volcanic-rock fragments, with about	5	
quality	0,	110	20 percent limestone fragments	,	
124-132 ft; water-bearing	38	156	680 ft; contains cobbles and pebbles of volcanic- rock fragments	238	ı
layers of grey, tan, and brown silt; water-	164	320	(C-24-2)5cmd-1 (TH 2). Alt. 5,258 ft. Pleistocene and Recent deposits (undifferentiated):		
ilt, tan, clayey	11	331	Pleistocene and Recent deposits (undifferentiated):   Silt, grey, sandy, slightly calcareous; contains		
contains thin layers of brown to tan silt; water-			some mica	18	
bearing	64	395	Gravel, fine to medium, silty and sandy; sand		
ilt, tan to brown, clayey; contains some fine sand			composed of quartz, mica, olivine, feldspar, horn-		
and gravel	43	438	blende, and rock fragments; some gastropod shells;	14	
ravel, fine to coarse, and sand; subangular to	26	h6h	contains water of poor quality	20	
rounded; water-bearing	20	404	Gravel, fine to medium, subangular to rounded,	20	
Pleistocene):		1.00	mostly volcanic-rock fragments; pyritized roots;		
ilt, brown, sandy	7	471	vater-bearing	66	1
		511	Clay, silty, sandy, bentonitic, calcareous;	10	1
ravel, coarse to fine; contains numerous layers of	ho.		contains a few ostracods	20	
eavel, coarse to fine; contains numerous layers of tan clayey silt	40	,			
eavel, coarse to fine; contains numerous layers of tan clayey silt	40	,	composed of volcapic-rock fragments; water-bearing	16	
ravel, coarse to fine; contains numerous layers of tan clayey silt	40	,	composed of volcapic-rock fragments; water-bearing	16 68	- 2
avel, coarse to fine; contains numerous layers of tan clayey slit.  -23-2]3 deb-3 (TH 1). 4-inch casing to 564 ft. Alt. 5,254 ft. listocome and Recent deposits (undifferentiated):	40	,	composed of volcapic-rock fragments; water-bearing	68	
awel, coarse to fine; contains numerous layers of anc clayey silt			composed of volcanic-rock fragments; water-bearing Clay, tan to orange, silty, calcareous Gravel, fine to coarse, and fine to coarse sand; composed of volcanic-rock fragments; water-bearing	68 78	
avel, coarse to fine; contains numerous layers of an clayer slit.	20	20	composed of volcanic-rock fragments; water-bearing. Clay, tan to orange, sity, calcareous.  Gravel, fine to coarse, and fine to coarse sand; composed of volcanic-rock fragments; water-bearing. Clay, tan, sity, sandy, calcareous.	68	
awal, coarse to fine; contains numerous layers of an clayer sits.  -23-2]31dob-3 (TH 1).  -4-inch casing to 56% ft.  Alt. 5,25 ft.  -15-coarse and incent deposits (undifferentiated):  -15-coarse and diapy, becomes gray, carbonacous;  -easy at 12 ft.  -10, coarse, and fine graws; becomes coarse gravel			composed of volcanic-rock fragments; water-bearing. Clay, tan to orange, silty, calcareous. Gravel, fine to coarse, and fine to coarse sand; com- posed of volcanic-rock fragments; water-bearing. Clay, tan, silty, sandy, calcareous. Gravel and sand; composed of volcanic-rock fragments;	68 78	
awal, coarse to fine; contains numerous layers of an clayer site.  23-2)31a6b-3 (TE 1). 4-inch casing to 584 ft.  Alt; 5,259 ft.  istocese and Rucent deposits (undifferentiated): it; yellow, clayery becomes grey, carbonaceous; easy at 12 ft.			composed of volcanic-rock fragments; water-bearing. Clay, tas to orange, silty, calcareous. Gravel, fine to coarse, and fine to coarse sand; composed of volcanic-rock fragments; water-bearing. Clay, tan, silty, sandy, calcareous. Gravel and sand; composed of volcanic-rock fragments; water-bearing. Silty, light-brown, sandy, calcareous.	68 78 12	
awal, coarse to fine; contains numerous layers of an clayer sits.	20 72 13	20 92 105	composed of volcanic-rock fragments; water-bearing. Clay, tan to orange, silty, celearous e	68 78 12	
care to fine; contains numerous layers of an clayer sits.  -23-2)31dcb-3 (TE 1).  -4-inch casing to 584 ft.  Alt. 5,287 ft.  file tocome and Recent deposits (undifferentiated):  it, yellow, clayer, becomes grey, carbonaceous;  selections of the greys, becomes care gravily  below 60 ft; subangular to rounded volcanic-rock fragments; contains alkaline water.  unders.	20	20	composed of volcanic-rock fragments; water-bearing. Clay, tas to orange, sitly, calcareous and composed of volcanic-rock fragments; water-bearing composed of volcanic-rock fragments; water-bearing. Clay, tan, sitly, sandy, calcareous.  Cravel and sand; composed of volcanic-rock fragments; water-bearing.  Sitl, light-brown, sandy, calcareous.  Cravel, fine to coarse, and sand; sitly; increase in sand below 30 ff; concates carbonized and pyritised	68 78 12 12 12	2 33 33
cavel, coarse to fine; contains numerous layers of tac clayer sits.  -22-2031dob-1 (TE 1). +-inch casing to 58k ft.  Alt. 5.25k ft.  Alt. 5.25	20 72 13 60	92 105 165	composed of volcanic-rock fragments; water-bearing. Clay, tan to orange, siltly calcareous and composed of volcanic-rock fragments; water-bearing. Clay, tan, silty, sandy, calcareous.  Clay, tan, silty, sandy, calcareous.  Clay, tan, silty, sandy, calcareous.  Silt, light-brown, andy, calcareous.  Gravel, and the coarse, and silty; increase in sand below 300 fr, contains carbonized and pyritized wood; water-bearing.	68 78 12 12 12 12	23 33 33
cavel, coarse to fine; contains numerous layers of than clayer sits.  -23-2)31dob-3 (TE 1). 4-inch casing to 584 ft.  Alt. 5,259 ft.  alt. 5,259 ft.  Lit, wellow, clayer, becomes gray, carbonaecous; easy at 12 ft.  -1, come carrier gravel below for ft; subangular to rounder volcanic-rock regents; contains alkaling water.  -1, come carrier gravel country, comes carrier gravel below 60 ft; subangular to rounder volcanic-rock regents; contains alkaling water.  -1, comes to contain a language of volcanic-rock regents; coarse to medium, composed of volcanic-rock regents; such-nearing.	20 72 13	20 92 105	composed of volcanic-rock fragments; water-bearing. Clay, tan to orange, silty, calcareous. Gravel, fine to coarse, and fine to coarse sand; coa- Clay, tan, silty, sandy, calcareous. Gravel and sand; composed of volcanic-rock fragments; water-bearing. Silt, light-brown, sandy, calcareous. Gravel, fine to coarse, and sand; city; increase in sand below 300 ft; contains carbonised and pyritised Silt, tan, sandy.	68 78 12 12 12	
rawel, coarse to fine; contains numerous layers of tan clayer sits.  -22-20/31/doi-1 (TE 1). +-inch casing to 58k ft.  Alt. 5.28 ft.  Alt. 5.28 ft.  -14. 5.28 ft.  -15. 5.28 ft.  -15. 5.28 ft.  -16. 5.	20 72 13 60	92 105 165 170	composed of volcanic-rock fragments; water-bearing. Clay, tan to orange, silty, calcareous. Gravel, fine to coarse, and fine to coarse sand; composed of volcanic-rock fragments; water-bearing. Clay, tan, silty, sandy, calcareous. Gravel and sand; composed of volcanic-rock fragments; water-learing. Silty, light-brown sandy, calcareous.  and below 300 ft; contains carbonised and pyritized wood; water-bearing. Silty, tan, sandy. Gravel, fine to coarse; becomes sandy below 338 ft;	68 78 12 12 12 12	23 33 33
rawel, coarse to fine; contains numerous layers of tan clayer sits to the casing to 58k ft.  Alt. 52% ft.  Alt. 52	20 72 13 60	92 105 165	composed of volcanic-rock fragments; water-bearing. Clay, tas to orange, sitly, calcareous, and composed of volcanic-rock fragments; water-bearing. Dead of volcanic-rock fragments; water-bearing. Gravel and sand; composed of volcanic-rock fragments; water-bearing. Sitt, light-brown, anady, calcareous. Gravel, fine to coarse, and sand; sitly; increase in sand below 300 ft; contains carbonised and pyritised wood, water-bearing. Gravel, fine to coarse; becomes sandy below 438 ft; sand angulat to well-rounded quarts, feldspar,	68 78 12 12 12 12	23 33 33
rawel, coarse to fine; contains numerous layers of tax clayer sits.  -23-2) lideb-1 (TH 1). +-inch casing to 58k ft.  Alt. ),25k ft.  Alt. ),25k ft.  Income deposits (undifferentiated):  iit, yellow, clayer, become gray, carbonacoous;  pesty at 12 ft.  and, coarse, and fine grawel; becomes coarse grawl  below 60 ft; subangular to rounded volamic-rock  fragments; contains silantine water.  oulders.  Lay, red, elity, sandy; becomes grey at 1ki ft.  rawel, coarse to medium, composed of volcamic-rock  fragments; water-learing.  Tragments; water-learing.  Tragments; water-learing.	20 72 13 60	92 105 165 170	composed of volcanic-rock fragments; water-bearing. Clay, tas to orange, siltly calcareous and composed of volcanic-rock fragments; water-bearing composed of volcanic-rock fragments; water-bearing composed of volcanic-rock fragments; water-bearing. Sit, light-brown, anday, calcareous Coravel, fine to coarse, and sand; sity; increase in sand below 300 ft; contains carbonized and pyritized wood; water-bearing. Sit, tan, sandy contains carbonized and pyritized wood; water-bearing. Sit, tan, sandy contains carbonized and pyritized wood; water-bearing. Sit, tan, sandy contains carbonized with the parties and prock fragments applied to vell-rounded quarts follows; and sapplied to vell-rounded quarts follows; magnetize, boroblende, mics, olivine, spatite, and rock fragments; few pieces carbonized wood; water-	78 12 12 12 12 13 32 16	M 12 12 12 12 12 12 12 12 12 12 12 12 12
rawel, coarse to fine; contains numerous layers of tax clayer sits.  -23-0) ideb-3 (TH 1).   +-inch casing to 56% ft.  Alt. j.25% ft.  Alt. j.25% ft.  Lit. j.25% ft.  -23-0) ideb-3 (TH 1).   +-inch casing to 56% ft.  Alt. j.25% ft.  -23-0) ideb-3 (TH 1).   +-inch casing to 56% ft.  Alt. j.25% ft.  -23-0) ideb-3 (modified ft.  -23-0)	20 72 13 60 5 13	92 105 165 170 183 185	composed of volcanic-rock fragments; water-bearing. Clay tas to croamps, silty, calcareous. Gravel, fine to coarse, and fine to coarse and; coa- Clay, tas, silty, sandy, calcareous. Gravel and sand; composed of volcanic-rock fragments; water-bearing. Bitt, light-brown, sandy, calcareous. Bitt, light-brown, sandy, calcareous. Bitt, light-brown, sandy, calcareous. Bitt, water-bearing. Bitt, tan, sandy. Gravel, fine to coarse; becomes sandy below 198 ft; sand sapilar to well-rounded quarts, felispar, and sapilar to well-rounded quarts, felispar, for the fragments; few pieces carbonised wood; water- bearing.	78 12 12 12 12 32 16	2 3 3 3 3 3
rawel, coarse to fine; contains numerous layers of tan clayer sits to clayer sits.  23:2031dob-1 (TH 1). 4-inch casing to 56k ft.  Alt. 5:25k	20 72 13 60 5 13 2	92 105 165 170 183 185 215	composed of volcanic-rock fragments; water-bearing. Clay, tas to orange, silty, calcareous. Gravel, fine to coarse, and fine to coarse and; composed of volcanic-rock fragments; water-bearing. Clay, tan, silty, sandy, calcareous. Clay, tan, silty, sandy, calcareous. Silt, light-brown, anddy, calcareous. Gravel, fine to coarse, and sand; silty; increase in sand below 360 ft; contains carbonized and pyritized wood; water-bearing. Silt, tan, sandy. Gravel, fine to coarse; becomes andy below 350 ft; sand angular to well-rounded quarts, feldspar, sandy some contains of the coarse of the co	78 12 12 12 12 13 32 16	2 3 3 3 3 3
ravel, coarse to fine; contains numerous layers of tac clayer silts clayer silts.  -23-20]sidob-1 (TH 1). 4-inch casing to 584 ft.  Alt. 5/25	20 72 13 60 5 13 2	92 105 165 170 183 185 215 245	composed of volcanic-rock fragments; water-bearing. Clay, tan to orange, silty, calcareous. Gravel, fine to coarse, and fine to coarse sand; coa- Clay, tan, silty, sandy, calcareous. Gravel and sand; composed of volcanic-rock fragments; water-bearing. Silt, light-brown, sandy, calcareous. Gravel and sand; composed of volcanic-rock fragments; water-bearing. Silt, tan, sandy. Gravel, fire to coarse, and sand; silty; increase in sand below 100 ft; contains carbonised and pyritised Silt, tan, sandy. Gravel, fine to coarse; becomes sandy below 130 ft; sand angular to well-rounded quarts, feldspar, sangentie, borobloade, silca, clivine, apatite, and rock fragments; few pieces carbonised wood water- Clay, tan, silty, colcarnous Gravel, coarse to fine, and sand; composed of vol- Gravel, coarse to fine, and sand; composed of vol-	78 12 12 12 12 32 16	2 3 3 3 3 3
inawi, coarse to fine; contains numerous layers of tan clayer sitt.  **Inc. 123.251.00.15 (FE I) **-inch casing to 584 ft.  **ALC. 7.257.45 (FE I) **-inch casing to 584 ft.  **ALC. 7.257.45 (Layer) becomes gray, carbonaceous; peaty at 12 ft.  **Author of the contains a labilities and coarse gravel below 60 ft; subangular to rounded volencie-rock below 60 ft; subangular to rounded volencie-rock numerous states and the state.  **Layer of the coarse of the coarse gravel had coarse to medius, composed of volencie-rock fragments; water-bearing.  **Transport of the coarse, composed of volencie-rock fragments; unter-bearing.  **Transport of the coarse, composed of volencie-rock fragments; in tan to grave just, and fine gravel; composed of volencie-rock fragments; in tan to grave just,  **Layer of the coarse, composed of volencie-rock fragments; in tan to grave just,  **Layer of the coarse, composed of volencie-rock fragments; in tan to grave just,  **Layer of the coarse, composed of volencie-rock dependence of the coarse, composed of volencie-rock and, coarse, and grave; composed of volencie-rock and, coarse and grave; composed of volencie-rock and coarse	20 72 13 60 5 13 2	92 105 165 170 183 185 215	composed of volcanic-rock fragments; water-bearing. Clay, tas to orange, silty, calcareous. Gravel, fine to coarse, and fine to coarse and; composed of volcanic-rock fragments; water-bearing. Clay, tan, silty, sandy, calcareous. Clay, tan, silty, sandy, calcareous. Silt, light-brown, anddy, calcareous. Gravel, fine to coarse, and sand; silty; increase in sand below 360 ft; contains carbonized and pyritized wood; water-bearing. Silt, tan, sandy. Gravel, fine to coarse; becomes andy below 350 ft; sand angular to well-rounded quarts, feldspar, sandy some contains of the coarse of the co	78 12 12 12 12 32 16	2 2 3 3 3 3 3 3 3 3 3 3

# Table 4 .-- Logs of selected wells and test holes in parts of Sanpete, Sevier, and Piute Counties, Utah - Continued

# Test-hole logs - Continued

Sevier County - Continued

	Thickness	Depth	Th	hickness	Depti
(C-24-2)5cad-1 (TH 2) - Continued.			(D-20-1)3lass-1 (TH 16). Alt. 5.140 ft.		
Sevier River Formation (?) (upper Pliocene or lower			Pleistocene and Recent deposits (undifferentiated):		
Pleistocene):			Silt, tan, sandy to gravelly; gypsiferous; slightly		
Gravel, coarse, and sand; composed of volcanic-rock			calcareous	9	
and sandstope fragments; contains shells and			Gravel, fine to boulders, in tan silt: 95 percent		
pyritized plant material	25	585	limestone, chert and sandstone fragments, 5 percent		
			volcanic-rock fragments	39	141
(C-24-3)23bad-2 (TH 7). Alt. 5,300 ft.			Silt, red, sandy, calcareous	3	5
Pleistocene and Recent deposits (undifferentiated):			Gravel, fine to coarse, composed of limestone and	,	
Silt, tan to red, sandy; becomes red, silty clay at			sandstone fragments	6	5
about 12 ft: thin layer green clay at 41 ft	à.S	48	Silt. red-brown, sandy, calcareous; contains gravel	•	
Gravel, fine to coarse, some cobbles; subangular	40		lense 70-73 ft; contains water of poor quality	23	8
to rounded; mostly volcanic-rock fragments; silt			Gravel, composed of limestone and sandstone fragments.	23	
layers below 134 ft: water-bearing	126	174	cemented with calcite: water-bearing	24	10
Silt, red, clayey, to red clay; contains some	150	714	Silt, light-brown, clayey, sandy, calcareous;	24	10
coarse gravel	56	230	becomes gravelly clay at 132 ft	38	14
Gravel, medium to coarse, subangular to rounded.	70	230	Sand, fine to coarse, and gravel; composed of lime-	30	- 44
composed of volcapic-rock fragments; contains			stone and sandstone fragments, with minor volcanic-		
numerous thin red silt and clay layers	146	376	rock fragments	12	15
Silt, red to brown, clayey	50	396	Clay, silt, sand, and gravel in layers; clay and	12	7.7
Gravel, fine to coarse; water-bearing		402	silt, calcareous	10	16
Silt. red-brown, sandy		407	Gravel, coarse to fine, light-colored, with silt and	20	40
Gravel and cobbles: water-bearing		411	sand: minor volcapic-rock material: becomes		
Silt, red-brown, sandy, and clay		416	reddish-colored 228-240 ft.	86	25
Gravel, fine to coarse, composed of volcanic-rock	,	+70	Silt, red-tan, sandy to gravelly	22	27
fragments; water-bearing	15	431	Gravel and sand	7	27
Tragments; water-pearing	13	427	Silt, red-tan, sandy	7	28
C-25-3)29ddb-1 (TH 10). Alt. 5,472 ft.			Gravel and sand, silty; alternating with layers of		20
Pleistocene and Recent deposits (undifferentiated):			tan and red silt; no volcanic material present	54	34
Sand, gravel, and brown silt; caliche from 1 to 2 ft .	16	16	Silt, light-tan to red, calcareous, sandy and	24	34
	70	10	gravelly	24	36
Gravel, very fine to very coarse, angular to sub-				24	30
rounded volcanic-rock fragments; contains sand and			Sevier River Formation (upper Pliocene or lower Pleistocene):		
silt; occasional beds of silt and sandy silt from				- 1	
1 to 5 feet thick; all the material is predomi-	1.00	L 2 0	Silt, red, sandy, calcareous; becomes tan at 384 ft	34	39
nately brown; water-bearing 229-396 ft	402	418	Gravel and boulders, composed of limestone, chert,		
Gravel, cobbles, and boulders of volcanic-rock		1	and sandstone fragments; no volcanic material		1.2
fragments, with some sand and silt	13	431	present	16	41

Piute County

	Thickness	Depth
C-30-3)16bab-1 (TH 21). Alt. 5.997 ft.		
Pleistocene and Recent deposits (undifferentiated):		
Silt. dark-grey, sandy; contains peat	la	4
Sand, coarse, to medium gravel; composed of volcanic-		
rock and sandstone fragments; water-bearing	17	21
Clay, light-grey to light-brown; some fine gravel	5	26
Cobbles and sand	4	30
Silt, tan to light-grey, alternating with thin layers		
of fine sand	32	62
Gravel, coarse, composed of volcanic-rock fragments;		
water-bearing	14	76
Silt and sand, grey	7	83
ertiary volcapic rocks:		
Clay, light-green, brown, and white, tuffaceous;		
intermittently silty and sandy; contains glass		
shards; few thin layers of fine volcanic gravel		
below 310 ft; contains plant material 360-362 ft		362
Gravel, medium, composed of volcanic-rock fragments	3	365
Tuff, welded	9	374

Table 5.--Chemical analyses of water from selected wells, test holes, and springs in parts of Sampete, Sevier, and Piute Counties, Utah
All analyses by U.S. Geological Survey

		2		-					Na +		Parts	per mi	llion								20°C)	
Well or spring number 1/	Date of collection	Geologic source 2/	Temperature (OF)	Silion (810 <sub>2</sub> )	Iron (total) (Fe)	Mangabese (Mn)	Calcium (Ca)	Magnestum (Mg)	Sodium (Ha)	Potassium (K)	Lithium (Li)	Bloarbonate (ECO <sub>3</sub> )	Sulfate (SO <sub>k</sub> )	Chloride (C1)	Fluoride (F)	Mitrate (NO <sub>3</sub> )	Dissolved solids 3/	Mardness as CaCO3	Monoarbonate bardness as CaCO3	Sodium-adsorption ratio (SAR)	Specific conductance (micrombos/cm at 25°C)	Hď
									Se	npete	Coun	ty										
(C-17-1) 34cdb-1	9- 3-57	Qal	54	34	0.46	0.00	51	la la	143	8.7	0.6	227	48	282	0.5	2.5	731	308	122	3.6	1,440	8.1
(C-18-1) 12mbb-1 25ddc-1 (TH 20)	8-27-57 10-21-59	do do	55 54	17	.09	.00	38 78	39 72	59	2.3	.2	245 260	25 95	114 432	.2	1.4	417	256 492	54 279	1.6	775 1,580	7.8
(C-19-1) 11bdd-14/ 23cmc-1 25cdd-5 25dcc-1 (TE 17)	10- 8-56 8-27-57 9- 3-57 7- 2-58 11- 5-59	do do do do TKs	51 50 53 52	22 25 34 34 15	.25 .23 .11 .04	.00	214 225 116 202 359	173 153 101 174 60	748 765 438 35	5.4 17 6.2 700	1.6	442 476 605 514 20	833 822 518 996 705	1,160 1,130 399 402 2,860	.1	89 64 93 57 57	2,010	1,240 1,190 705 1,220 1,140	863 800 209 799 1,120	4.9	5,440 5,360 3,280 3,500 9,230	7.2 7.4 7.6 7.4 7.5
(D=18-1) 19dmb (S)	8-27-57	Tf	64	13	.00	.00	49	43	99	1.9	-3	305	43	152	-3	1.2	553	300	50	2.5	1,020	7.6
(D-19-2) 4dma (S)	8-27-57	FE,	67	13	.05	.02	38	19	94	3.8	,h	2/310	71	34	1.1	.1	429	173	0	3.0	711	8.3
20ddd (8) (D-20-1)	8-28-57	Tg	55	19	.09	.00	74	66	49	1.7	.2	450	107	37	٠3	23	598	456	87	1.0	978	7.5
4abc-1 25aad (8)	9- 3-57 12- 8-59	Qal do		22 25	1.0	.03	192 45	143 45	271		1.5	458 396	902 65	228 108	.6	48	2,040 612	1,067 298	692		2,960 1,030	7.5
		_							Se	evier (	Count	У		,					,			
(C-21-1) 11ada-1 13abd-1 20bcc (S) 25bba-1 (TH 12)	8-27-57 8-20-58 8-26-57 11-25-59	Qal do do do	57	27	.02	.00	34 35 42 22	19 15 41 14	144 15 15	1.9	.2	158 147 325 337	95 94 15 70	181 112 20 95	0.5	0.7	599 484 312 565	163 151 274 112	34 30 7 0	4.9 3.7 .4 7.0	1,040 758 571 824	8.0 7.9 7.1 8.1
26bdb-1 (C-22-1)	7- 2-58	Tv	60	35	.03		34	18		36	-	134	9/2	98	-	1.2	430	158	48	3.0	715	7.6
5bac-1 9add-2 20acc-1	8-26-57 6-29-59 8-30-57	Qal do do	60 57 59	30	1.7	.00	37 561 311	33 326 147	37 110	6.1	1.2	223 240 208	63 2,180 596	51 1,280 555	.3	2.9 13 80	375 5,220 1,960	228 2,740 1,380	46 2,540 1,210	1.1 5.9 1.3	631 7,070 3,100	7.5
(C-22-2) 35dcd-1	8-30-57	đo	56	24	.40	.00	96	82	24	5.1	.4	526	112	48	.2	32	682	576	146	ık	1,180	7.6
(C-23-1) 20mdc-1	9- 3-57	đo	58	66	.19	.00	50	17	38	9.6	.7	228	16	61	-3	3.8	374	195	8	1.2	599	7.9
(C-23-2) 9abc-1 10dcc-1	8- 6-59 4-18-60	do do	58 53	29 22	:	:	37 89	38 67		27 38	:	262 529	36 154	39 62	:	.5	336 753	248 500	33 66	.8	563 1,170	7.9
(TH 5) 14cbc-1 (TH 4)	4-19-60	do	52	38		-	79	31	:	34	-	188	112	90	-	0	476	324	170	.8	768	7.5
15cca-1	4-25-58 4-25-58	đo đo		15 25	:	:	220 178	145 192	3		-	492 448	523 699	465 650	:	1.9	1,820	1,140	742 868	2.7	2,830 3,580	7.1
15cdb-3 15dbb-1 15dbc-8 15dcb-4 19dab-1	4-25-58 4-25-58 4-25-58 7-15-57 7-15-57	do do do do do	53 52 53 52 62	30 33 35	.03	.00	164 109 165 69 51	119 30 97 34 33	2:1 2:1 15	17 76		431 160 471 318 294	482 200 361 51 26	420 63 298 29 21	.2	8.3 5.9 17 4.3 1.3	1,690 534 1,380 404 315	898 396 812 312 262	545 265 426 52 22	3.7 .4 2.7 .5	2,660 818 2,170 650 545	7.1
20mbd-1 27bcc-26/ 27ccd (8)	4-25-58 9-21-56 8-21-56	do do Qal	52 55 56	19	:	:	293	381	30 30	54	:	540 172 192	1,350 44 76	1,180 34 42	:	10	4,060	2,300 180 224	1,850 39 67	5.1	5,820 490 560	7.8
28bdd-8 28dad7/(s)	7-15-57 7-15-57 9-21-56	Fz Qal Qal	56 51 57	36 37	.00	.00.	52 726	20 184 -	25 45 36	4.1	.7	184 578 250	68 2,020 324	39 76 46	.0	2.9	338	212 2,570 532	60 2,090 327	.8	552 3,560 1,060	7.9
28444 (8) 314cb-3	9-21-56 5- 5-60	Fz do Qal	55 54	32	-	:	65	13	32	-	-	190 156	76 53	36 36	:	4.9	291	212	56 88	1.0	544 459	7.7
(TE 1) 34aba-1 36obd (S)	9-21-56 7-15-57	do Con;	53		.00	.00	26	6.4	56 10	1.9	.3	398 114	42 3.2	70 13	.1	7	159	356 91	30	1.3	871 232	7.3
(C-23-3) 25bab-1	7- 6-60	Tv- Ja Qal	61	12			52	35 38		27		313 298	37	29		.4.	341	271	14	.7	576	7.7
26aca (8) 36abd-1	7-30-57	Fa, Tch Qal	53	6.6	.04	.01	45	38	12	4.0	-5	349	54	20	.2	.0	310 415	343	25	.7	752	8.0
																			1			

Table 5 .-- Chemical analyses of water from selected wells, test holes, and springs in parts of Sanpete, Sevier, and Piute Counties, Utah - Continued

Well or spring number 2/	Date of collection					Parts per million											G.					
		Geologic source 2/	Temperature (oF)	Silica (SiO <sub>2</sub> )	Iron (total)	Manganese (Mn)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Lithium (L1)	(L1) Blearbonate (HCO <sub>3</sub> )	Sulfate (80 <sub>k</sub> )	Chloride (Cl)	Fluoride (F)	Mitrate (NO <sub>3</sub> )	Dissolved solids3/	Hardness as CaCO3	Moncarbonate hardness as CaCO <sub>3</sub>	Sodium-adsorption ratio (SAR)	Specific conductance micromhos/cm at 25°C)	Hď
						L			Sevier C	ounty	- Cc	ontinue	1		L						- 3	_
(c-24-2)			_																			
6abc-1	9-24-56	Qal	51	32	0.02	0.03	123	37	40	4.0	0.4	292 298	214	33 32	0.0	5.2	668	424 459	185	8.0	902	7.1
(C-24-3) 2ddd-1 12bda-1 24cca (S) 29ddb-1 33add-2	7-23-57 8-13-59 7-29-57 7-30-57 7-23-57	do do do do	52 55 55	35 41 46 32 36	.05 - .03 .19	.03	568 71 46 49 109	241 28 11 46 26	414 40 39 64	18 6 6.9 5.0	.8	702 270 258 274 434	2,490 52 16 59 77	74 31 14 83 49	.1	32 8.7 2.2 5.4 20	4,220 381 306 457 600	2,410 292 160 312 379	1,830 71 0 87 24	3.7 .4 1.4 1.0	4,670 618 482 705 968	7. 7. 8. 8. 7.
(C-24-4) 32bbb (S)	7-30-57	Tv	52	40	.04	.01	48	9.6	10	5.8	.6	178	9.2	19	.2	3.2	235	159	13	-3	371	7.
(C-25-3) 5dcd-2 10dda (S)	7-31-57 7-23-57	Qal Fz,	58 169	33 54	.16	.03	82 282	34 34	23 562	7.1	.8	388 354	52 898	19 630	.2	16 .0	461 2,700	344 844	26 554	.5 8.4	744 4,100	8.
10dda <sup>8</sup> /(S) 25dca (S) 28cad-1 34ccd (S)	9-10-57 7-23-57 7-30-57 4-10-57	Tv do Tv Qal do	63	54 26 22 33	.38	.13	288 23 44 56	33 4.6 41 15	555 4.9 20	67 1.1 3.4		416 78 2/277 168	833 17 60 84	660 3.5 8.0	3.0	.0 .2 6.8	2,860 119 343 298	76 278 202	12 23 64	8.2 .2 .5	4,020 178 595 475	6. 7. 8. 7.
(C-25-4) 12abd-1 23aac (S)	7-31-57 7-23-57	do Fz,	60 130	51 85	.02	.00	120 282	50 36	65	68.9	8.0	10/465 426	118	1,750	1.1	55.0	763 5,150	505 852	104 502	1.3	1,160	8.
23macll/(S) 29ddc=1	9-11-57 7-30-57	Tv	147	84 56	.01	.00	264 61	10	1,380	45 8.0	1.5	412 226	1,250	1,690	6.0	.0	4,970 358	193	- 8	21	7,520 557	6.
(C-26-4) 29bba-1	7-22-57	Tv?	53	23	20	6.5	327	112	30	5.8	1.0	36	1,240	17	3.9	.1	1,790	1,280	1,250	.4	2,050	5.
(D-22-2) 15aac-112/	8-27-57	TKs	66	11	.28	.00	26	10	47	5.1	_4	196	43	6.0	.4	.1	245	106	0	2.0	409	8.
(D-24-1) 18bcd12/ (S)	8-26-57	Tv	53	lala	.04	.00	21	3.8	9.0	3.0	.2	91	3	9.3	.2	1.2	140	68	0	.5	184	7.1
			-						Pi.	ute C	ounty	,			_							
(C-27-4½) 36cca <u>12</u> /(S)	7-22-57	Tv	61	12	0.03	0.00	111	13	4.1	2.1	1.8	144	206	3.4	4.6	0.1	429	331	199	0.1	638	7.1
(C-29-3) 16ccb (S)	10-22-59	Qal	58	33	-	-	45	13	2	7	-	188	42	16	-	2.9	271	165	11	.9	423	7.0
(C-29-4) 2lacc 2/ (S)	7-29-57	Tv	55	39	.02	.00	23	4.5	5.0	2.8	.4	107	1.8	2.0	.1	.7	134	76	0	.3	176	7.
(C-30-3) 16bbb-1	7-22-57	Qal? or QTsr	55	52	.10	.16	42	8.5	28	4.4	2.0	106	103	14	3.1	-5	306	138	53	1.0	434	8.6

S, spring; TE, test hole.

Coo, contact; Fr, fault some; Ja, Arapien Shale; Qal, Recent alluvium; QTer, Sevier River Formation; Tch, Creary Bollow Formation of Spieker; TT, Flagstaff Limentone; Tg, Green River Formation; Tch, Creary Bollow Formation seatlmentary rocks (undifferentiated); Tv, volcanic rocks.

Jisoland solids calculated from determined constituents.

Includes equivalent of 2 ppm carbonate (CO3).

Contains 0.1 ppm borno (B).

Contains 0.2 ppm borno (B).

Contains 0.3 ppm borno (B).

Contains 0.3 ppm borno (D).

Contains 0.4 ppm borno (D).

Contains 0.5 ppm borno (D).

Contains 0.4 ppm borno (D).

Contains 0.4 ppm borno (D).

Contains 0.4 ppm borno (D).

Contains 0.5 ppm borno (D).

Contains 0.4 ppm borno (D).

Contains 0.5 ppm borno (D).

Contains 0.4 ppm borno (D).

Contains 0.5 ppm borno (D).

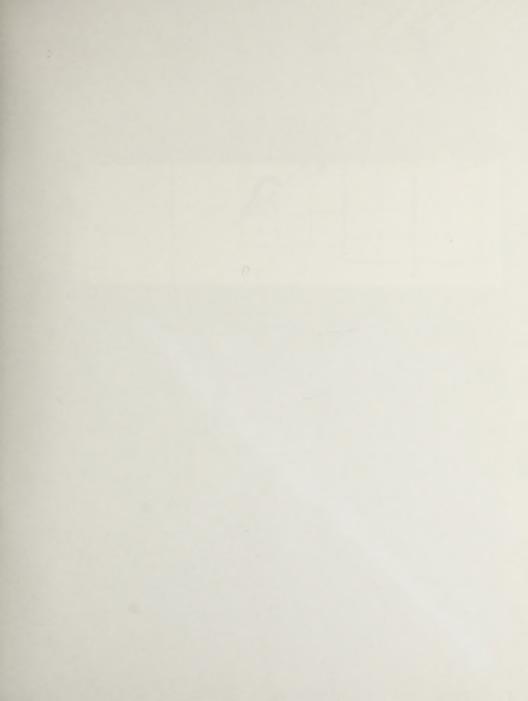
Contains 0.4 ppm borno (D).

Contains 0.5 ppm borno (D).

Contain







UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
AND
UTAH STATE ENGINEER

BLM Library Denver Federal Center Bldg. 50, OC-521 a t e a u P.O. Box 25047 Denver, CO 80225 EXPLANATION ۵ Well not in use
Domestic well
Stock well
Domestic and stock well
Public-supply well
Industrial well used as observation well
Well not in use; used as observation well
Domestic well used as observation well
Domestic well used as observation well
Public-supply well used as observation well
Irrigation and domestic well
Irrigation and domestic well
Irrigation, domestic, and stock well
Irrigation and stock well
Irrigation and stock well
Irrigation and stock well
Irrigation domestic, and stock well
Irrigation onestic, and stock well used as observation
well
Irrigation, domestic, and stock well used as
observation well O ringation and stock well used as observation well

ringation, domestic, and stock well used as observation well.

Well not in use, used as observation well. Well equipped with automatic recording gage.

Black dot in center of well symbol indicates flowing well.

Spring

Test hole

Chemical analysis of ground water in table 5.

Water-level measurements in table 3.

Log in table 4.

Number by well symbol indicates the number of wells within the 10-acre tract. B 0 6 3 a 31 👨 2 A.L 200 770 Fis A OA Base derived from general kighway map, Sevier County, 1952 Hydrology by C.H.Carpenter and R.A.Young UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
AND
UTAH STATE ENGINEER

BASIC-DATA REPORT NUMBER 3 1963 PLATE I (SHEET 2)

